OM SALES
CORPORATION

WHOLESALE INTERIOR SURFACE MATERIALS · HYDERABAD

ACOUSTIC PANELS

TRANQUIL ACOUSTICS

Supplied by Om Sales Corporation, Secunderabad

Om Sales Corporation is a wholesale supplier of interior-design materials in Hyderabad, established in 2015. We supply interior designers, architects, contractors, modular manufacturers and homeowners across Hyderabad and Secunderabad with premium interior surfaces and panels at genuine trade rates. Our catalogue spans 30+ categories: Corian-type acrylic solid surfaces, translucent Alabaster, mosaic and cork tiles, charcoal and decorative panels, acrylic and PVC laminates, PVC and MDF boards, WPC/PVC doors, plywood, blockboard and veneers. Specialty lines like translucent Alabaster and fluted acrylic panels are rare to source locally. One trusted source for your entire material list. Samples on request. WhatsApp +91 98666 07766.

Om Sales Corporation

31-7, Lalamiya Basti, RTC Colony, Tirumalgiri, Secunderabad, Hyderabad, TS 500015
+91 98666 07766 · care.oscorp@gmail.com · omsalescorp.com
GSTIN 36AEHPG7476H1Z7

TRANQUIL®

World-class Materials for
World-class Lifestyles



PRODUCT CATALOGUE

ACOUSTICS
SOLID SURFACE
METAL CEILINGS & WALLS

Tranquil India was incepted in 2013 in India with the vision of providing World-class Materials for World-class Lifestyles. The World-class materials we offer are versatile, new generation products and cater to diverse needs & ambience of a space. Tranquil brings you a host of products that are second to none. The products are functional in design and beautiful in form, due to which when you bring in Tranquil into your space you bring in a new lifestyle.

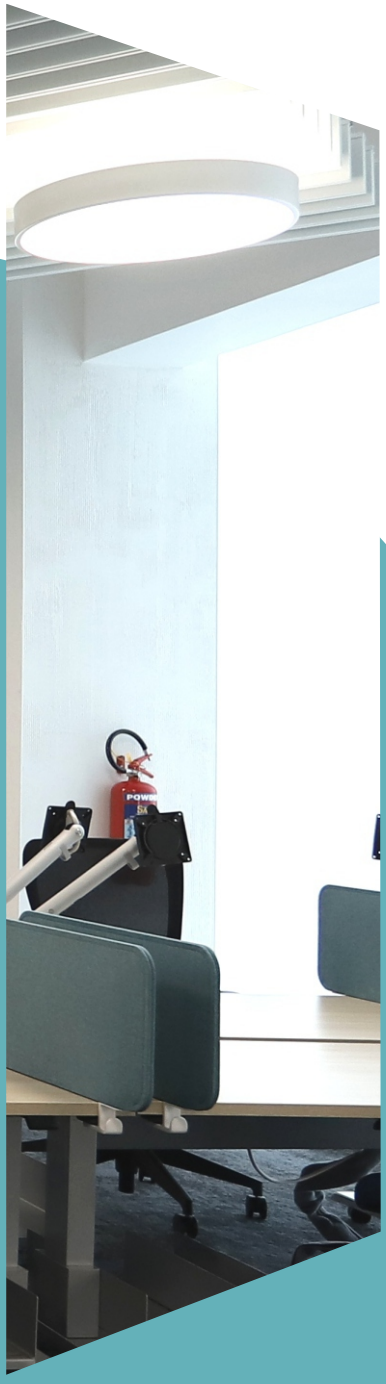
Tranquil is a private, vertically & horizontally integrated organisation that manufactures, markets and distributes building materials to different parts of the world. Tranquil with the vision of bringing the World-class Materials for World class Lifestyles, globally, is integrated through its network of partners, who along with Tranquil markets, sells and service the products.

SOLID SURFACE • ACOUSTICS • METAL CEILINGS & WALLS









TRANQUIL®

APS
Compressed Fiberglass Acoustical Panels

ECOCORE
PET Panels Acoustical Systems

ECOFILZ
Felt Acoustical System

BLOCK
Mass Loaded Vinyl

ECOWOOD
Wooden Panel Acoustical Systems

WOODLINE
Woodwool Acoustical Panels

3D
Acoustical Systems Panels

FILZ
Woollen Acoustical Systems Panels

Acoustics

OM SALES CORPORATION

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TRANQUIL®

Acoustical Systems



Why Control Sound?

INCREASED AND BETTER AUDIBILITY:

A good acoustical sound absorption ceiling/ panels will help to talk, converse at a lower tone and drain lesser energy with clear deliveries thus establishing clarity in communication.

REDUCES STRESS LEVELS:

A good acoustical sound absorption system helps in proper deflection of communication thereby reducing stress levels and contributing to better health conditions for all.

REDUCES NOISE POLLUTION:

Good acoustical system in general, greatly reduces noise pollution and thus regulating body pressure. This, in turn, leads to higher output and energy levels.



TRANQUIL®
APS
Compressed Fiberglass Acoustical Panels



APS
Compressed Fiberglass Acoustical Panels

Wall Panels
Deco Clouds & Baffles
Baffles & Clouds
Ceilings

Tranquil APS Acoustical System is a world class product for acoustic. Tranquil APS is a compressed fiberglass acoustical system. Tranquil has a wide range of products which includes Walls Panels, Baffles, Clouds, Acoustic, Separators, Ceiling and etc. Thus, Tranquil APS is a solution for most of acoustic requirement for walls and ceilings. It is a green system as it contains 59% post - consumer recycled glass. Tranquil APS is a world class product in its NRC functionality as it NRC ranges between 0.80 and 1.055 with its

APS *Compressed Fiberglass Acoustical Panels*

TRANQUIL APS MULTI

Tranquil APS Multi is a hard COMPRESSED FIBERGLASS core acoustical panel. They function as noise reduction panels to absorb and reduce the noise levels within the area. All the edges are chemically hardened. The panels are wrapped with different kinds of coverings. Breathable coating can also be used on the surface.

TRANQUIL APS TAC

Tranquil APS TAC are made up of compressed fiber glass core. These Panels have high impact, high density fiber glass facing to safely hold tack pins for presentation and visual displays. They function as noise reduction panels to absorb and reduce the noise levels within the area. They are wrapped with different kinds of coverings.

- Maximum dimensions: L-2.44m. W-1.22m,
- Thickness- 1" and 2" (+/- 10%),
- Density = 100 Kg/ M^3 (+/- 10%)
- Composition: Compressed Fiberglass core
- Edges: Square/ Bevelled/ Mitre/ Radius
- Warranty: Warranty against workmanship and manufacturing defects for 2 years from date of purchase
- Fire Rating: Class "A" as per ASTM E-84 Tunnel Test
- Mounting Methods: Z Clip Attachments, Impaler Clip with Adhesive

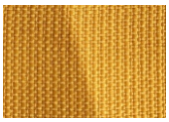


TECHNICAL DATA SHEET

Performance- 25mm								
Frequency	125	250	500	1000	2000	4000	NRC	R Value
Absorption co-efficients	0.13	0.39	0.86	0.95	0.92	0.86	0.8	4.5
Performance- 40mm								
Frequency	125	250	500	1000	2000	4000	NRC	R Value
Absorption co-efficients	0.15	0.66	0.99	0.96	0.89	0.84	0.90	7.2
Performance- 50mm								
Frequency	125	250	500	1000	2000	4000	NRC	R Value
Absorption co-	0.31	0.91	0.99	0.98	0.93	0.89	1.00	9

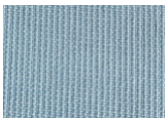
FABRIC COLORS

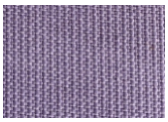
CARA
Available in 18 colors


CA-01


CA-02

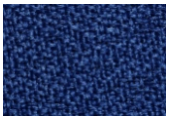

CA-03

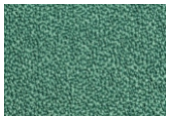

CA-04

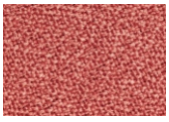

CA-05

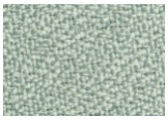

CA-06

ECLIPSE
Available in 40 colors

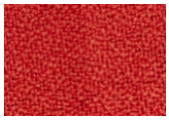

E-102


E-103

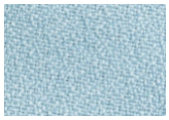

E-105

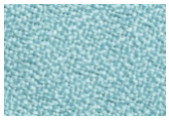

E-108

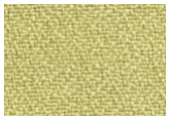

E-109

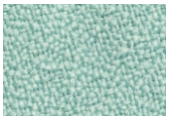

E-114

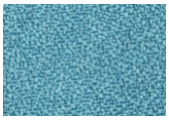
FESTIVAL
Available in 56 colors

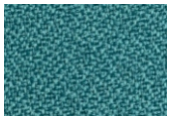

E-215


F-102


F-103

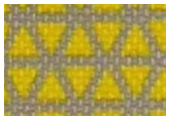

F-107


F-108


F-112

FOCUS
Available in 07 colors

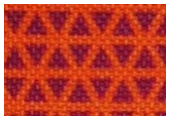

FS-01B


FS-02B


FS-03B


FS-04B


FS-05B


FS-06B

HEXA
Available in 08 colors


HX-01-STONE-PATH


HX-02-GOLD


HX-03-FOCUS


HX-04-RELAX

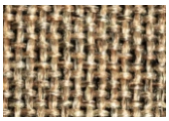

HX-05-SALANO


HX-06-COMPOSE

JUTE
Available in 19 colors


JT-01


JT-02

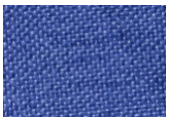

JT-03


JT-04

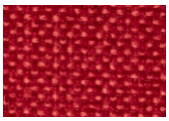

JT-05


JT-06

MANTHAN
Available in 18 colors


MT-05


MT-06


MT-07


MT-08

MT-09

MT-10

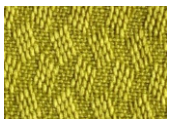
MARS
Available in

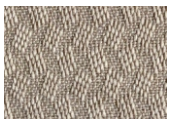
APS *Compressed Fiberglass Acoustical Panels*

FABRIC COLORS

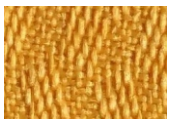
RAINBOW
Available in 12 colors

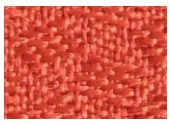

RN-01


RN-02

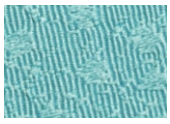

RN-03

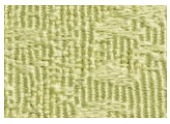

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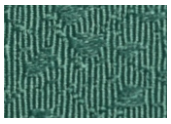

RN-05


RN-06

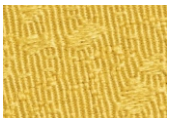
SANDUNE
Available in 20 colors

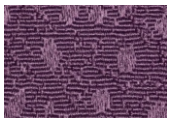

SD-102


SD-113

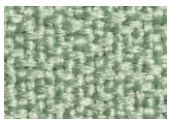

SD-116


SD-128

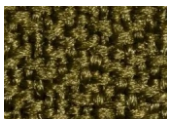

SD-151


SD-156

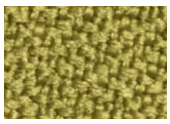
VIBRANT
Available in 33 colors

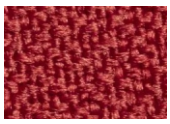

E-215


F-102


F-103


F-107

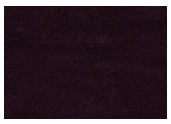

F-108

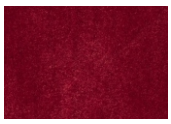

F-112

VELVET
Available in 04 colors

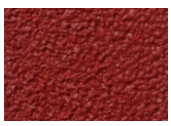

VP-01


VP-02


VP-03

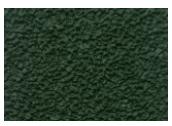

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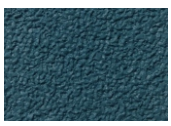
VINYL COLORS

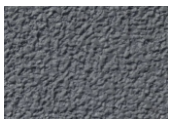

PLS 050 Ruby

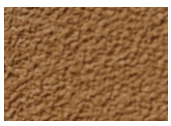

PLS 049 Pinot

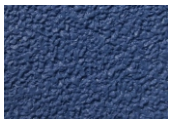

PLS 041 Tan


PLS 042 Forest


PLS 043 Everglade

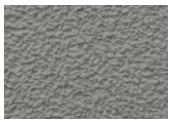

PLS 044 Whisper


PLS 045 Mesa


PLS 046 Wave


PLS 047 Midnight Blue


PLS 048 Sedona


PLS 033 Shale


PLS 034 Skylar


PLS 035 Coal


PLS 036 Warm Dawn


PLS 031 Sunshine


PLS 032 Mascot


PLS 034 Skylar


PLS 035 Coal

PLS 025 Blitzed

PLS 026 Cloud

PLS 027 Portland

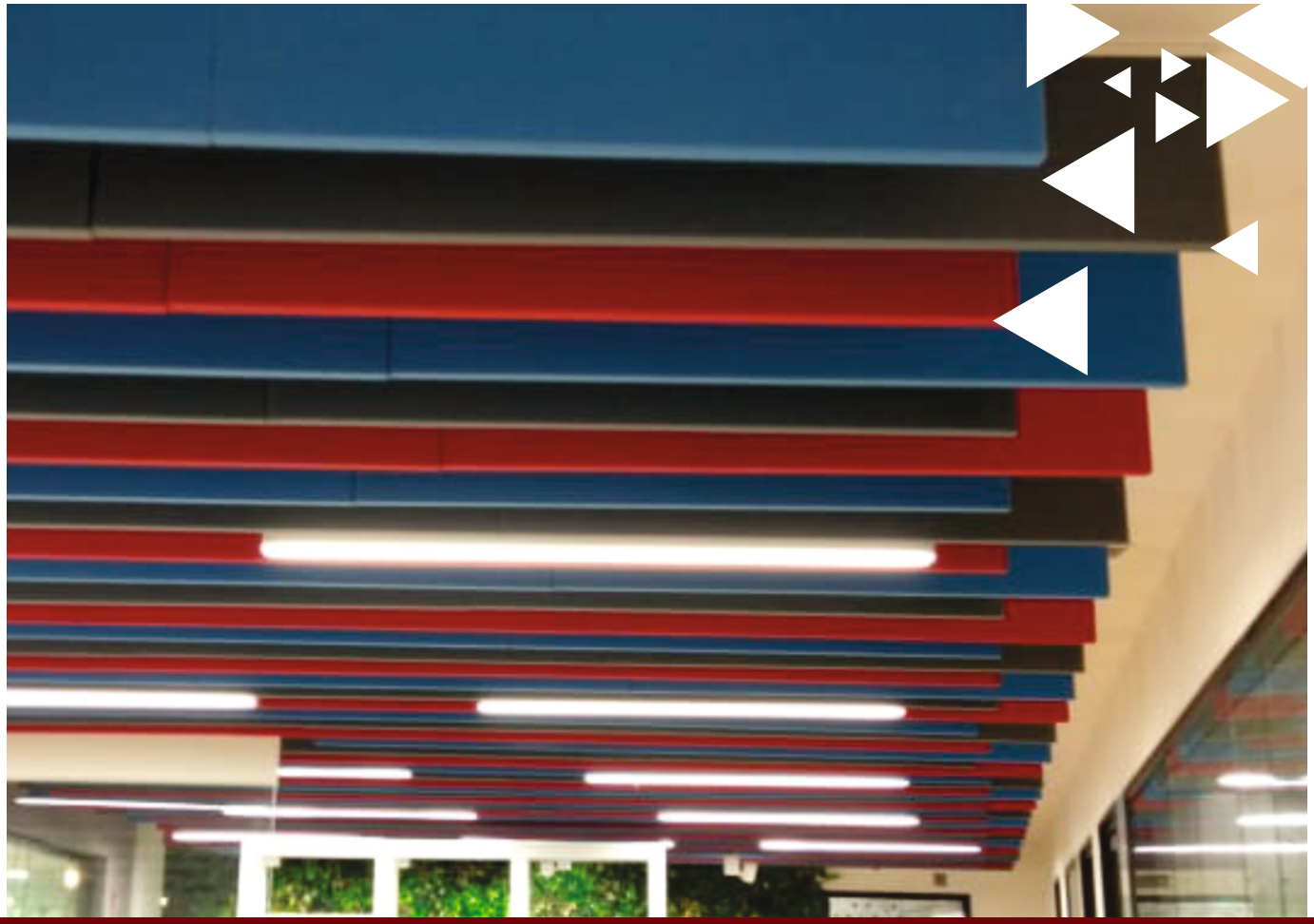
Available in

OM SALES CORPORATION
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APS *Clouds & Baffles*

Tranquil APS Clouds & Baffles are wrapped with perforated vinyl or fabric, with the flexibility of choosing your own choice of colors of vinyl. Tranquil APS Clouds also comes with painted surface.

- Thickness- 30 / 40 / 50 mm (+/- 5%)
- Edges- Square
- NRC – Upto1.05
- Colors - Almost 60 different colors of vinyl / acoustic felt
- Density – 130Kg/M^3 (+/- 10%)
- Warranty: Warrantied against workmanship and manufacturing defects for
- 2 years from date of purchase
- Fire Rating: Class "A" as per ASTM E-84 Tunnel Test
- Dimensions : Any size within L-2.44m & W-1.22m.

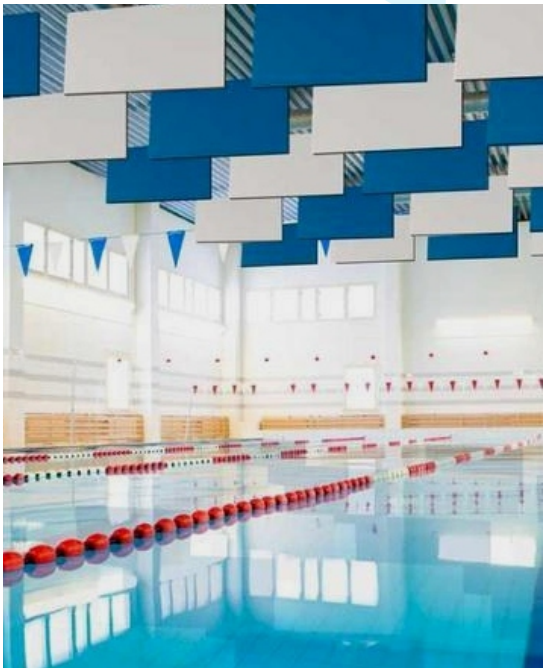


APS *Deco Clouds & Baffles*

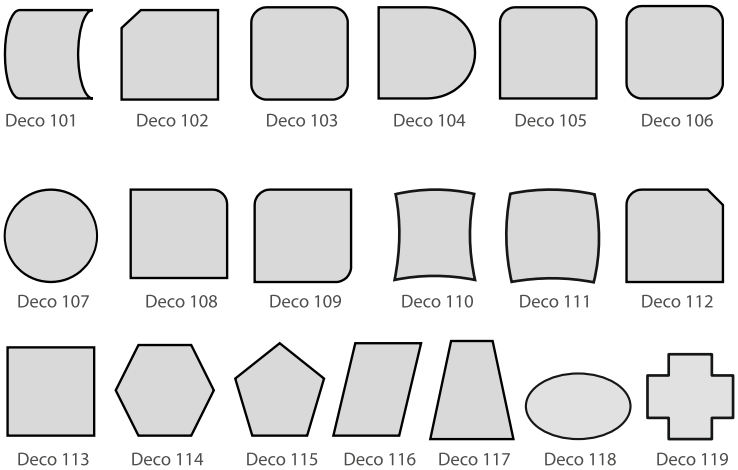
Tranquil APS DECO CLOUDS & BAFFLES are flat, compressed fibreglass panels. These panels are decorative sound absorption available in standard shapes and custom shapes. These panels are painted panels and can be painted in most of the custom colors. Deco Clouds & Baffles are easy to install due to its modular accessories. These can be easily installed with very easy adaptation to various heights and angles. In case of clouds, some special accessories helps to group the panels together for cloud formation.

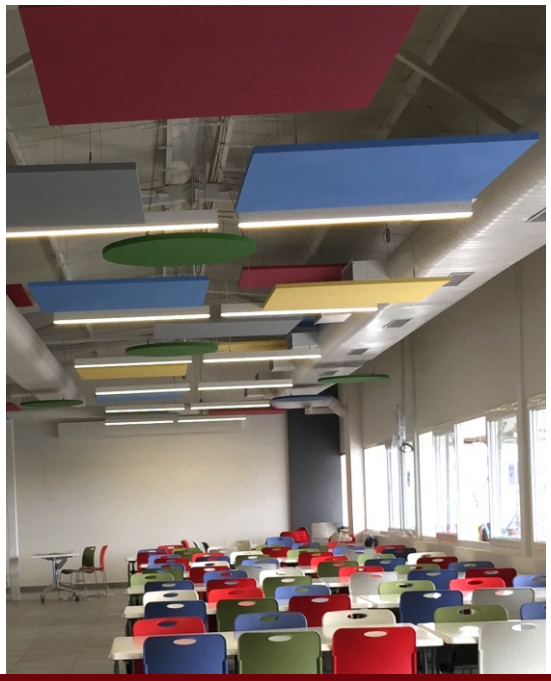
SPECIFICATION

- Thickness- 30 / 40 / 50 mm (+/- 5%)
- Composition: Compressed Fiberglass Core
- Clouds Size: Maximum 2400 x 1200 mm
- Baffles Size: L- 600 to 2400 mm, H-100 to 1200 mm
- Density – 130 Kg/M^3 (+/- 10%)
- Color: Customized colors
- Edges: Square
- Warranty: Warranty against workmanship and manufacturing defects for 2 years from date of purchase
- Fire Rating: Class 'A' as per ASTM E-84 Tunnel Test
- NRC: Up to 1.00



CLOUDS PATTERNS





BAFFLES PATTERNS

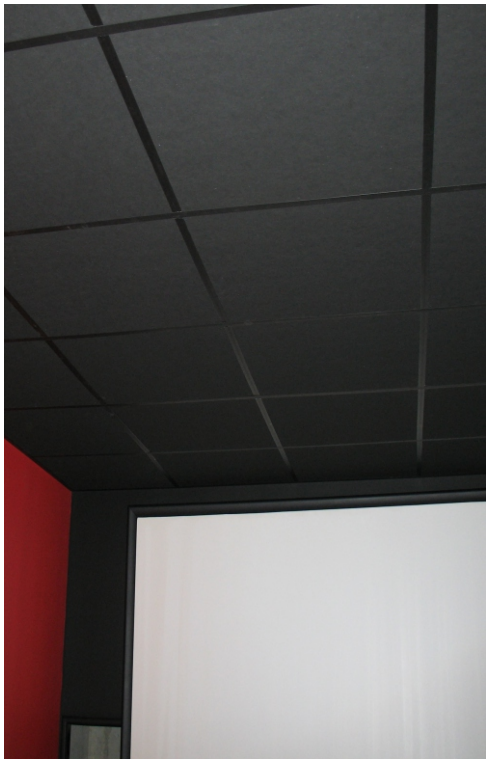


APS *Ceiling*

Tranquil APS Ceiling is a compressed fibreglass ceiling available in multiple sizes, patterns, edges and colors. It has remarkable advantages v.i.z. non-combustible, no sagging, warping, delaminating, excellent sound absorption and different patterns.

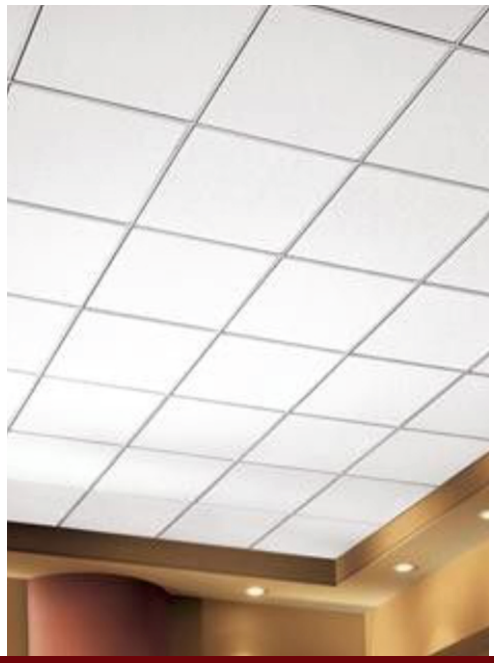
DESCRIPTION

- Composition: Compressed high density fiberglass.
- Face: Special painting laminated with decorative fiberglass tissue
- Color: White, black and others to order
- Fire-resistant: Class A, non-combustible.
- Thermal-Resistant: ≥0.4 (m^2 k/w)
- Humidity: Dimensionally stable with RH up to 95% at 40℃.
- Moisture rate: ≤1%(JC/ T670-2005)
- Environmental impact: Tiles and packing are fully recyclable.
- Safety: limit of radio nuclides in building materials, specific activity of 226 Ra: Ira≤1.0, specific activity of 226 Ra, 232Th, 40K: Ira≤1.3

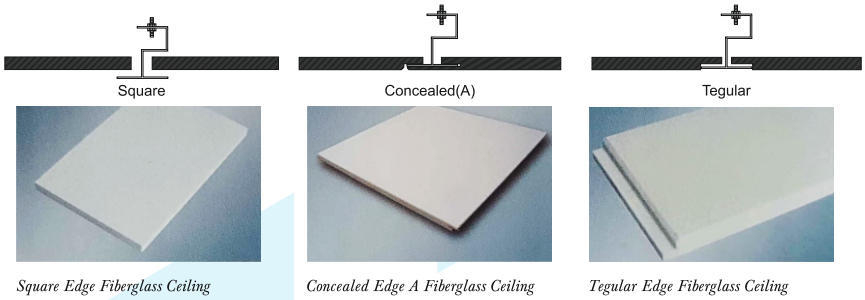


SPECIFICATION

- Thickness: 12mm, 15mm, 20mm, 25mm
- Size: 600 x 600mm, 600 x 1200mm.
  Customized sizes are available.
- Density: 120 Kg/ m^3. Customized density are available.
- NRC = Up to 0.85



EDGE TYPES



Square Edge Fiberglass Ceiling

Concealed Edge A Fiberglass Ceiling

Tegular Edge Fiberglass Ceiling

APS *Compressed Fiberglass Acoustical Panels*

WHY TRANQUIL APS?

- The product is manufactured in an ultra modern plant in America
- Up to 60% of the material to produce glass wool are recycled
- The product meets international standards of ASTM - E - 84 / ASTM - E - 1264
- A safe fire retardant product which generates non- toxic smoke.
- The product meets standards of ASTM C 423 for NRC.
- The products meets standards of ASTM - 1414 for ceiling attenuation class.
- No carcinogenic material. According to assessments by entities such as OSHA, EPA, IARC and NAIMA, Tranquil APS do not cause cancer.
- Products are anti bacterial, mold/ moisture resistant

All products are class A fire rated as per ASTM - E - 84 & ASTM E - 1264

2 YEAR WARRANTY 2

T & C Apply

FIRE RESISTANT



APPLICATIONS











Crafted Product |
Acoustical-Tranquil
APS Digital

APS *Compressed Fiberglass Acoustical Panels*



Crafted Product |
Acoustical-Tranquil
APS Fabric Panels

Client | **HCL, Noida**



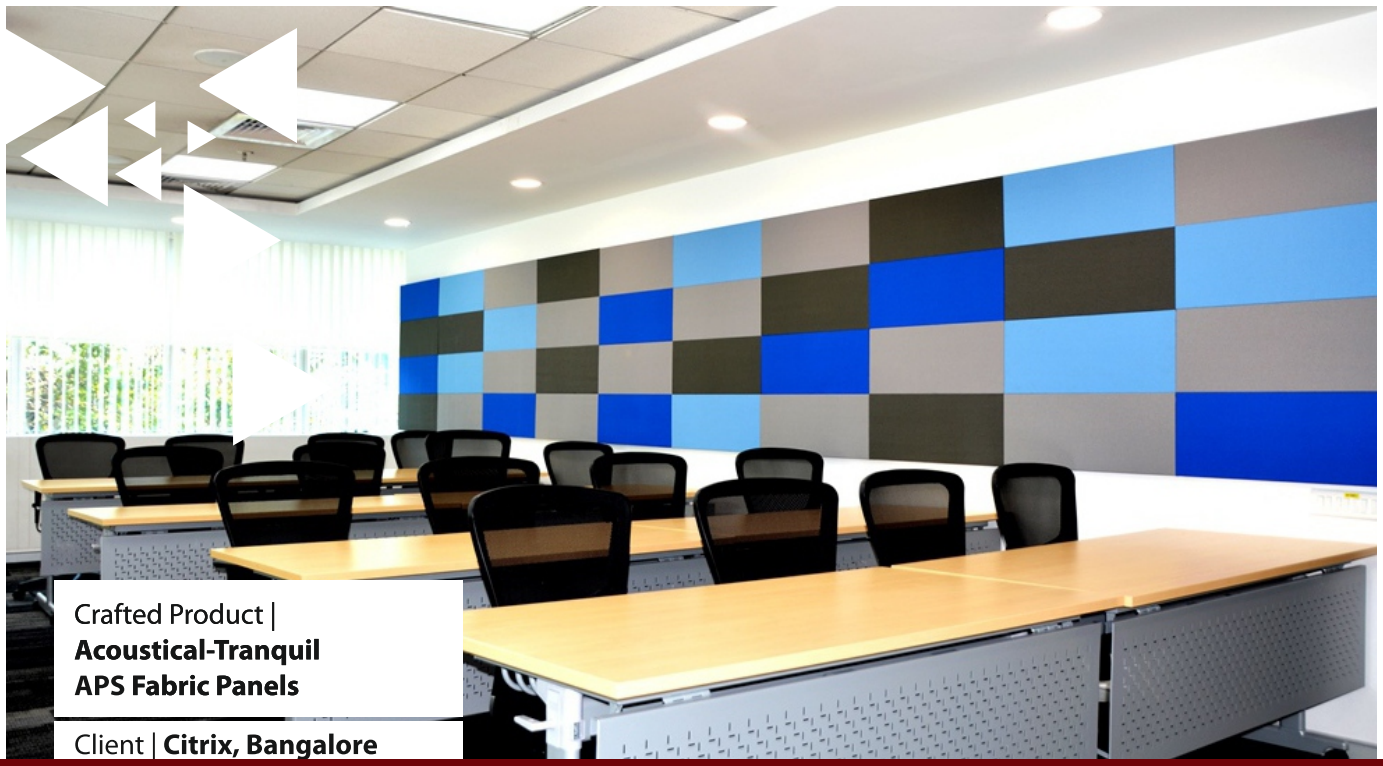
Crafted Product |
Acoustical-Tranquil
APS Deco Clouds

Client | **Cherryhill, Delhi**



Crafted Product |
Acoustical-Tranquil
APS Baffle

Client | **Admiral, Gurgaon**



Crafted Product |
Acoustical-Tranquil
APS Fabric Panels

Client | **Citrix, Bangalore**



TRANQUIL®

ACSILO

Cellulose Fiber Acoustic Spray



Acsilo Acoustic Spray products are environmentally friendly acoustic insulation materials that can be used in new and renovated buildings. It can be used in a wide range of building groups, from industrial buildings to residential buildings, because of its ease of application and compatibility with

ACSILO *Cellulose Fiber Acoustic Spray*

CELLULOSE FIBER ACOUSTIC SPRAY



Cellulose Fiber Acoustic Spray is an environmentally friendly and sustainable material made from recycled fibers and boron salts using advanced technology. It has excellent acoustic and thermal insulation properties.

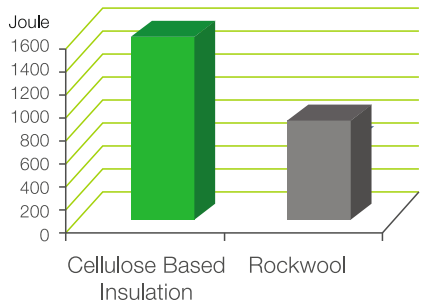
The cellulose wool is sprayed in fiber form onto the desired surface.

The first applications of cellulose-based insulation began in the 1970s in the United States and spread throughout the world due to its ecological and sustainable nature.

TECHNICAL SPECIFICATIONS

TS EN 13501-1 (Reaction to Fire)	: B
TS EN 12667 (Thermal Conductivity X)	: 0.037 W/(m-K)

THERMAL CAPACITY



Thermal Volume is the amount of energy required to heat or cool one kilogram of material by one degree Celsius. The material will be more insulating if the value is high. Glasswool has a thermal capacity of 670 joules per kg, while rockwool has a capacity of 860 joules per kg. According to EN ISO 10456, the thermal capacity of cellulose-based insulation products is close to 1600 joules per kg (A performance 2-2.5 times better than their substitutes).

Natural, Durable, and Risk-free Sound Absorption

This spray plaster is primarily made up of recycled natural cellulose fibres. By combining it with additives, Acsilo Spray improves serviceability and fire safety. Acsilo Spray is a sprayed water-based polymer. We used borates to a bare minimum, well below the EU limit of 5%. As a result, our

APPLICATIONS

Acoustic spraying can be used almost anywhere, including new and old buildings, along with horizontal and vertical surfaces made of identified roof panels, concrete, and plasterboard. Acsilo acoustic solutions offer limited design freedom while still providing good speech intelligibility, high concentration levels, privacy, and thus a high level of comfort.

PRODUCTS (Based on surface finish)

PEEBLE



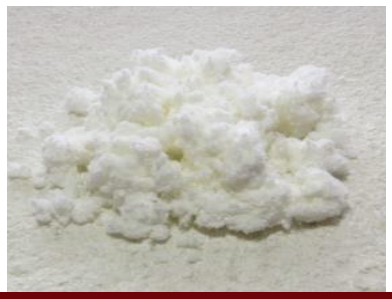
- Spray structure of medium fineness
- Thicknesses range between 10mm and 50mm.
- Alpha up to w = 1.035mm
- Quick processing
- Can be applied on pipes of if they are directly attached to substrate.
- Simple to repair locally
- Available in all colors

GRAVEL



- Flat finish
- Thicknesses ranging from 5mm to 25mm are available.
- Prompt processing
- Suitable for all flat non-working surfaces.
- Available in all colors

SAND



- Delicate spray structure.
- Thicknesses ranging from 5mm to 45mm.
- Quick processing
- Can be applied on pipes if it is attached directly to the substrate.
- Available in all colors

ACSILO *Cellulose Fiber Acoustic Spray*

BENEFITS OF ACSILO ACOUSTIC SOLUTIONS

Acsilo improves room acoustics with its acoustic and directional sound absorbing properties. Acsilo provides maximum absorption with minimal height loss. Since it is spray based it is long-lasting, reduces reverberation, and saves energy. Acsilo's acoustic products comes in a wide range of colours and are suitable for a variety of substrates. The Advantages of Acsilo are:

- Lowers reverberation in any room.
- Maximum absorption with least amount of height loss.
- Appropriate for all surfaces, including ceilings and walls.
- Provides design freedom and durable.
- Results in energy savings of 5% to 10%.
- Available in any color and surface finish ranging from coarse-grained to smooth surface.
- Furthermore, acoustic spraying and plastering are very easy to maintain and come with a standard 2 years warranty on adhesion and acoustic effect.

PERFORMANCE

- Made from recycled paper.
- Non-flammable and fire-resistant material.
- There will be no sound or heat bridges because the insulated surface or volume is sprayed or laid.
- Excellent acoustic performance and loss of airborne sound between the spaces.
- It is long-lasting and requires no maintenance.
- Excellent loss of airborne sound between the spaces.
- Absorbs VOCs (Volatile Organic Components) and toxins in the air.
- It does not collapse or wear out as a result of dusting.
- The thermal capacity of cellulose is 2-2,5 times better than their substitutes with excellent thermal performance in both winter and summer.
- No convection occurs.
- It breathes and has a high vapour permeability.
- Resistance to erosion.
- Has the ability to absorb and release moisture without affecting thermal performance.

HEALTH

- It poses no risk to human health.
- Does not itch or irritate.
- Absorbs VOCs and toxins from the air.
- It is free of toxins and allergens.
- Rot-resistant, inhibiting fungi, microorganisms, and pests.

NRC

Thickness (mm)	125hz	250hz	500hz	1000hz	2000hz	4000hz	NRC
10	0.12	0.19	0.44	0.80	0.81	0.99	0.55
15	0.15	0.26	0.65	0.95	0.95	1.02	0.71
20	0.20	0.32	0.76	1.02	1.00	1.02	0.80
25	0.24	0.49	0.92	1.05	1.02	1.01	0.86
30	0.31	0.73	0.97	1.00	1.00	0.94	0.95

INSTALLATION

The material is sprayed and adhered to the surface using the installation machine. This method is used on inner and outer walls, prefabricated buildings, and corrugated roofing sheets, among other things.

MAINTENANCE

The material is simple to clean with a vacuum and a soft brush. If the plaster is damaged, it is simple to repair locally.

Tranquil offers a 2-year warranty on Acsilo Spray adhesion and acoustic performance.



TRANQUIL®
ACSILO PLUS+

Seamless Acoustic System



Acsilo Plus+ is a high-performance acoustic system that absorbs noise in a variety of settings. Its highly absorbent properties as an acoustic plaster solution applied to ceilings and walls enable ideal acoustic control in large commercial spaces.

Acsilo Plus+ Acoustics can be applied to almost any surface, including straight and curved walls, striking angles, and arching roofs, making it a more versatile, distinct alternative to traditional acoustic solutions such as suspended ceilings.

The Acsilo Plus+ Plaster system, which combines high-value aesthetics and acoustic performance, is well-suited to a wide range of developments, including historic structures as well as high-end residential, commercial

ACSILO Plus+ *Seamless Acoustic System*

Acsilo Plus+ acoustic panels have a resin-bonded fiberglass core. The fiberglass is cut into various shapes & sizes applied with a Acsilo Plus+, and finally transformed into high-performance sound-absorbing panels.

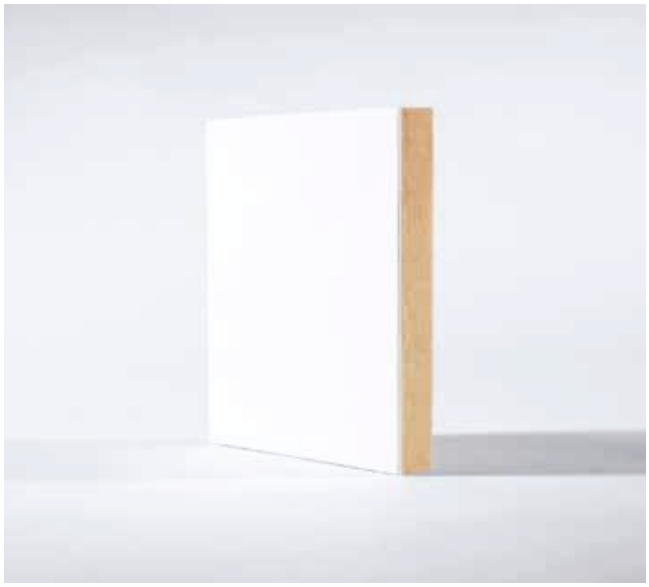
SPECIFICATIONS

- Material : Fiberglass wool panels with acoustic plaster.
- Light Refractive : 0.87
- Fire Rating : Class "A" as per ASTM E-84 Tunnel Test
- Sound Absorption : NRC upto 1.05
- Asbestos - free
- Recycled Component: 59%
- Density : 100-150 kg/m³ (+/-10%)
- Color : White and custom colors
- Warranty : 2 Years Limited Product Warranty.
- Hygiene : No sustenance to micro-organisms.
- Moisture and Sag Resistance RH99 : Resistance to humidity RH99% at 35°C which maintains dimensional stability and no sagging.
- Cleanability : Surface dust & dirt can be vacuumed off using a soft brush attachment or blown off using pressurised air.
- Bright, White Textured Visual appearance : White NCS S 0300-N RAI 9003 Light Reflectance 87%.
- Mold/Mildew Resistance: Substrate is inherently resistant to growth of mold and mildew.

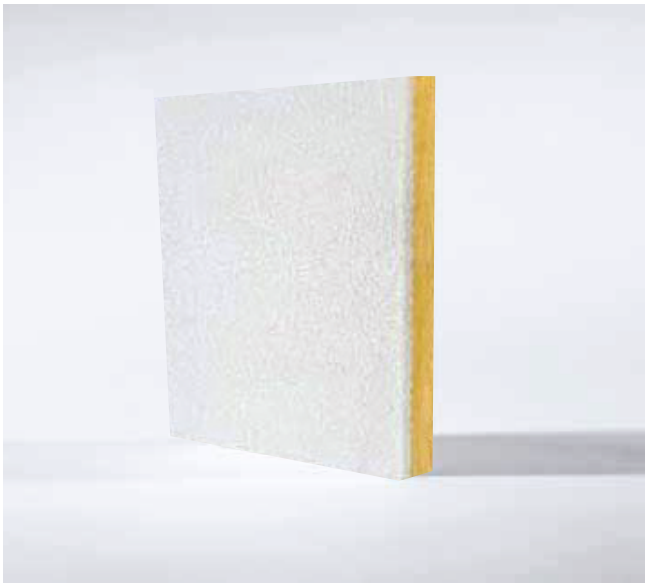
Acsilo Plus+ is distinguished by three key characteristics:

- Class A Fire Resistance
- EN 13501-1 100%Relative Humidity EN 13964
- Excellent Acoustic Performance EN ISO 11654

Acoustic Plaster+ Acoustic Fiberglass Panel



Acsilo Plus+ Acoustic Smooth



Acsilo Plus+ Particles Finish

DESCRIPTION OF THE PRODUCT

- Fiberglass Wool Panels
- Inorganic acoustic painted surface
- Thickness: 25mm, 40mm, and 50mm
- Sizes: 1200X1200mm / 1200X2400mm
- Color: White (WH)
- Square edge
- Stable: Light steel keel system

BENEFITS

- A seamless sound absorption system .
- Bendable, with free-flowing transitions in different height planes.
- Reflectivity (LR0.86) reduces energy and electricity costs by 18%.
- Sound transmission technology coatings allow sound to pass through.
- Organic dry powder coating with low VOC of 0.004%
- RH99 humidity resistance
- Extra strong sound absorption function with clarity level of 190-200 & noise reduction coefficient of 0.80-1.05

ACSILO Plus+ *Seamless Acoustic System*

TEXTURE

The ACSILO Plus+ are high quality and microporous plaster manufactured, using only high quality materials produced from natural Inorganic mineral powder perlite and zeolite, to ensure the best acoustical performance when installed onto ceilings or walls.

ACSILO Plus is a spray applied & custom color system.

Acsilo Plus+ Smooth



Acsilo Plus+ Natural



Acsilo Plus+ Coarse

ACSILO Plus+ Smooth is finished with a smooth fine grain finish giving a consistent, smooth look to the surface.

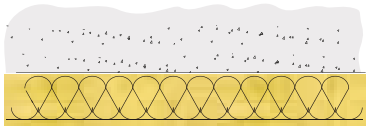
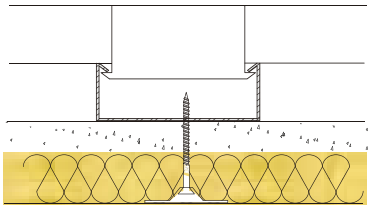
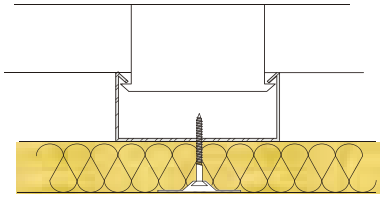
ACSILO Plus+ Natural is finished with a natural fine grain finish giving a natural spray look to the surface.

ACSILO Plus+ Coarse is finished with a little coarse structure giving a textured look to the surface, making it ideal for areas with more natural look.

NRC

Fiberglass wool Acoustical panels	Size (mm)	Thickness (mm)	NRC	Light Reflection	Fireproof Class	Recycled Content
Thickness 25mm	1200x1200mm	25	0.8	83%	A2_s1d0	59%
	2400x1200mm					
Thickness 40mm	1200x1200mm	40	0.90	83%	A2_s1d0	59%
	2400x1200mm					
Thickness 50mm	1200x1200mm	50	1.05	83%	A2_s1d0	59%
	2400x1200mm					

INSTALLATION SYSTEMS

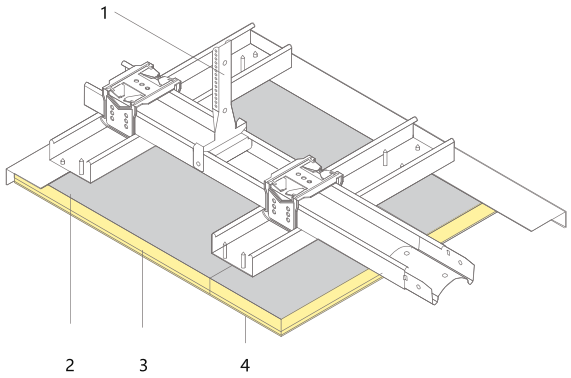
Type 1	Type 2	Type 3
		
Concrete direct bonding with accessories and glue	Metal suspension grid Light steel keel with Gypsum board Special washers screws	Direct, Metal suspension grid Light steel keel Special washers screws

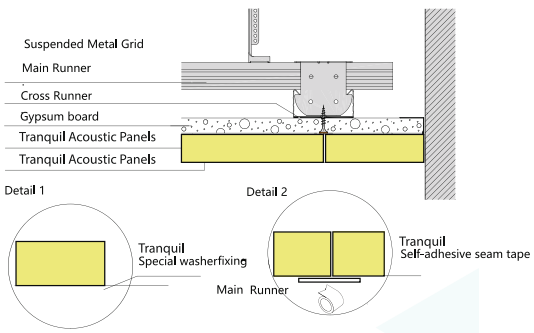
TYPE 1 INSTALLATION

Directly to a suitable substrate installation:

Install the acoustic panels mechanically with special metal fixings or install the acoustic panel with approved adhesive on the suitable substrate.

TYPE 2 INSTALLATION





1. Suspended Metal Grid
2. Gypsum board, calcium silicate board base layer
3. Tranquil acoustic panels
4. Acsilo Plus+ Acoustic Plaster

TYPE 3 INSTALLATION

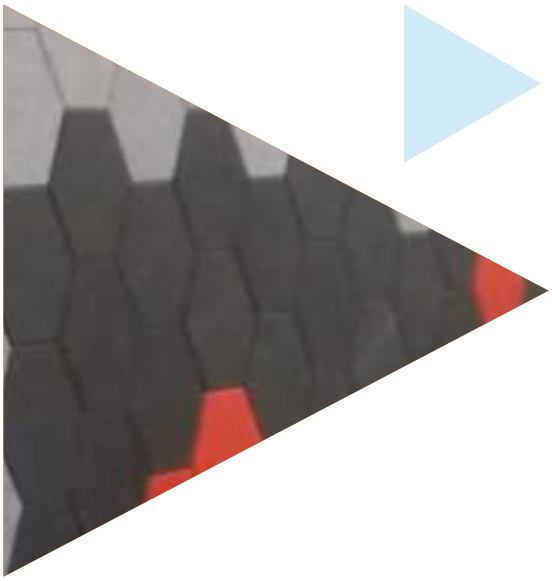
Installed directly on metal suspension grid mechanically with special washes, screws and steel keel.



TRANQUIL®

ECOCORE

PET Panels Acoustical Systems



ECOCORE

PET Panels Acoustical Systems

- Printed Panels
- Perforated Panels
- Grooved Panels
- Felt Acoustical System
- Carved Panels
- Baffles & Clouds
- Eco Baffles
- Baffles Ceiling
- Embossed Panels
- Desk Panels

A durable and versatile product, Tranquil ECOCORE is made of 100% PET fiber. It is bonded using heat, instead of traditional chemical binders which ensures that it is naturally resistant to fire, moisture, vermin, insects, mould and bacteria. These world class panels not only serve as acoustic panels but also as thermal insulations. They are so versatile that they can be used as bare panels if required.

Tranquil ECOCORE also has a range of BAFFLES & CLOUDS. Tranquil ECOCORE Baffles & Clouds are generally used in large open areas. They come with impregnated bolts used for hanging them

OM SALES CORPORATION

Om Sales Corporation · +91 98666 07766 · omsalescorp.

ECOCORE

PET Panels Acoustical Systems

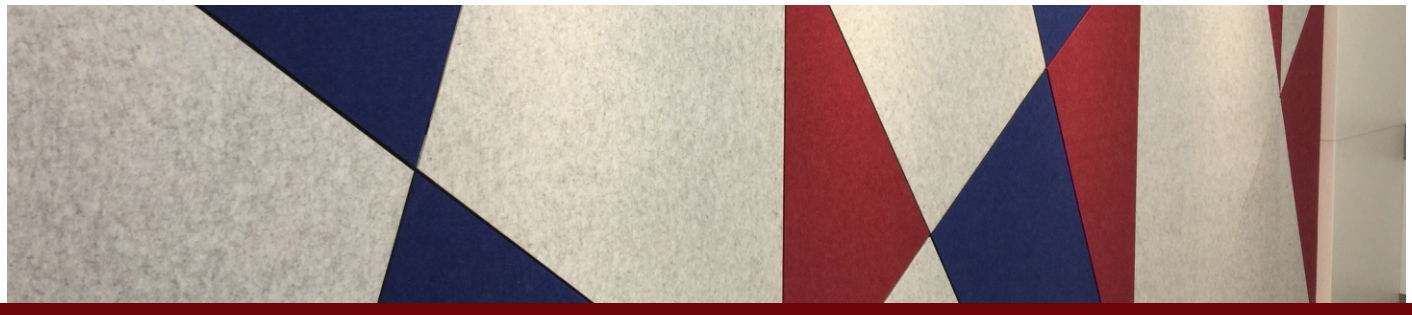
SPECIFICATION

- Thickness: 9mm, 12mm and 25mm
- Maximum dimensions : L-2.44m W-1.22m
- Density Kg/m^3 (+/- 10%): 9mm: 200 Kg, 12mm: 190 Kg, 25mm: 120 Kg
- Composition: 100% Polyester Core
- Colors: 56 colors in 9 mm; 68 colors in 12 mm, customized colors as per requirement.
- Warranty: Warranted against workmanship and manufacturing defects for 2 years from date of purchase
- Fire Rating: Class "A" and Class "B" as per ASTM E - 84 Tunnel Test
- Mounting Method: Glued to the wall with or without air gap using adhesive.

TECHNICAL DATA SHEET

Performance (Without Gap) - 9mm							
Frequency	125	250	500	1000	2000	4000	NRC
Absorption co-efficients	0.01	0.04	0.12	0.33	0.62	0.76	0.30
Performance (Without Gap) - 12mm							
Frequency	125	250	500	1000	2000	4000	NRC
Absorption co-efficients	0.03	0.06	0.22	0.48	0.74	0.80	0.40
Performance (Without Gap) - 25mm							
Frequency	125	250	500	1000	2000	4000	NRC
Absorption co-efficients	0.09	0.27	0.65	0.97	0.92	0.87	0.70

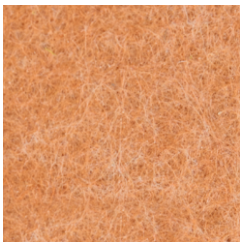
** Test Report Aug 2018*



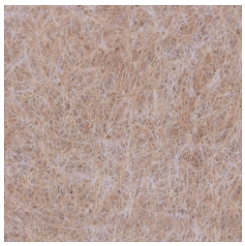
ECOCORE COLORS

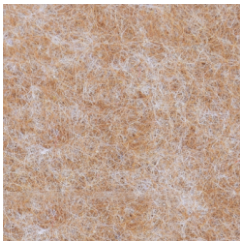
TREC 07 Arctic White

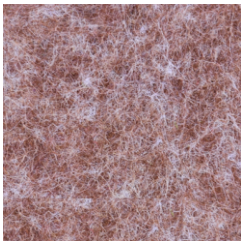
TREC 06 Mink

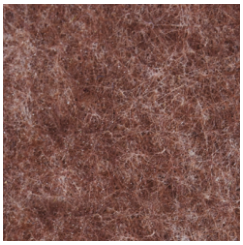

TREC 28 Sun

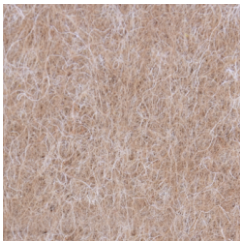

TREC 04 Camel

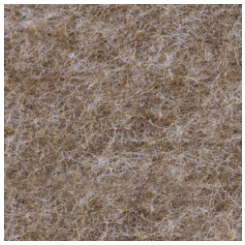

TREC 12 Pearl

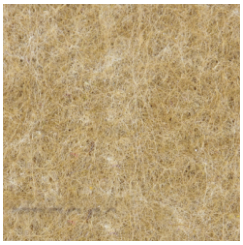

TREC 32 Light Brown

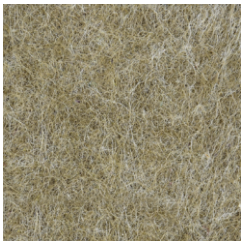

TREC 38 Ruite

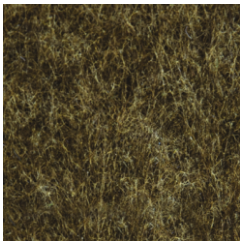

TREC 39 Coffee


TREC 44 Shimmer

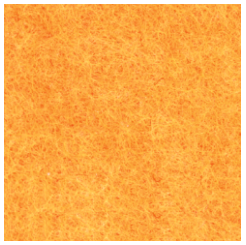

TREC 31 Walnut

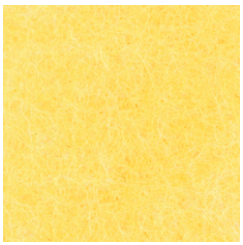

TREC 86 Swiss Coffee


TREC 105 Courtyard

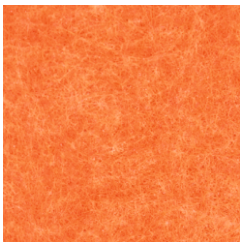

TREC 104 Olive Groove


TREC 96 Crescent

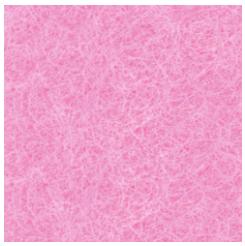

TREC 61 Fire Globe

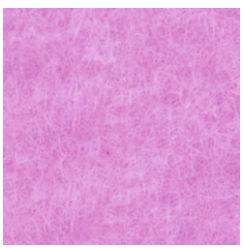

TREC 84 Turmeric

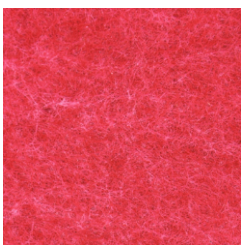

TREC 46 Orange

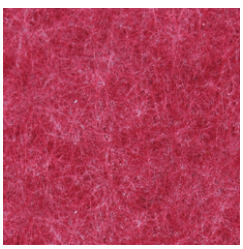

TREC 85 Glowing Rust

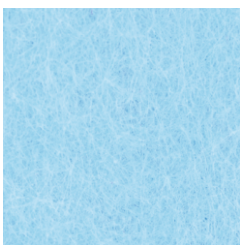

TREC 95 Tender Shine

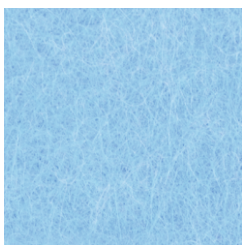

TREC 99 Pixie Dust











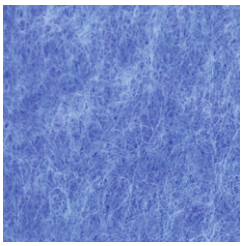
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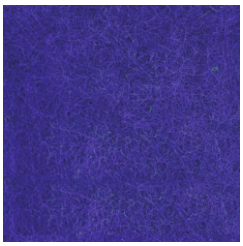
ECOCORE

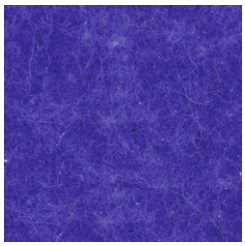
PET Panels Acoustical Systems

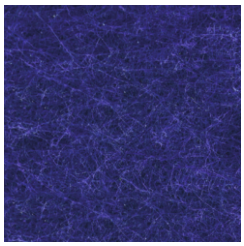
ECOCORE COLORS

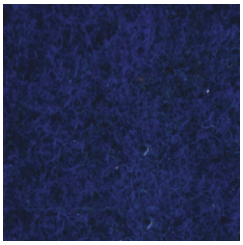

TREC 90 Light Sky

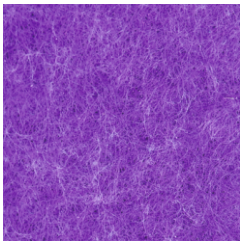

TREC 25 China Sea

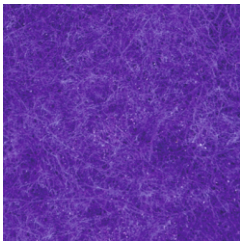

TREC 52 Blooming Blue

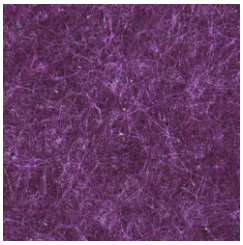

TREC 76 Bing Blue


TREC 19 Indigo

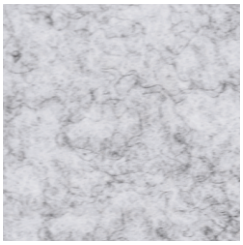

TREC 16 Dark Blue

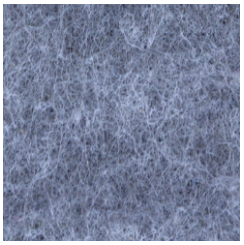

TREC 49 Purple

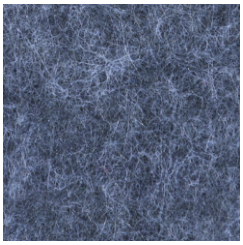

TREC 100 Purple Chiffon

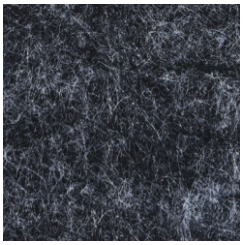

TREC 50 Amethyst

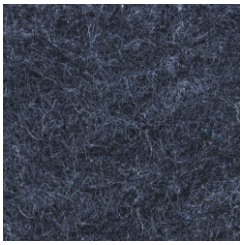

TREC 30 Light Purple

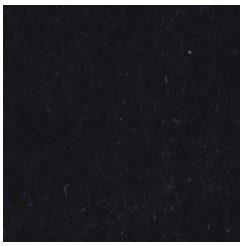

TREC 11 Silver Grey

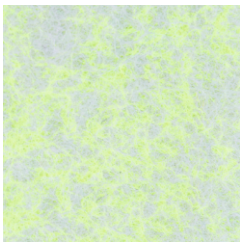

TREC 36 Moonlight Grey

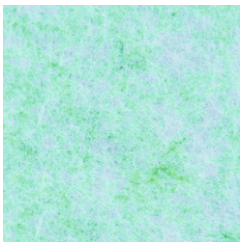

TREC 37 Gungrey

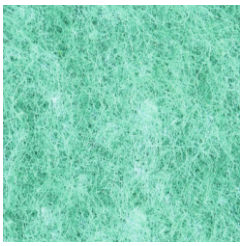

TREC 03 Greystone

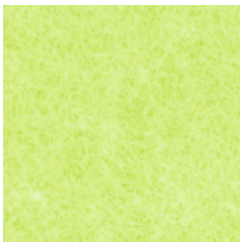

TREC 93 Carbon Flint

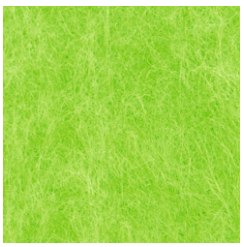

TREC 13 Black

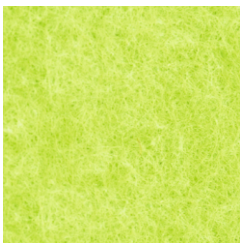

TREC 102 River Cruise

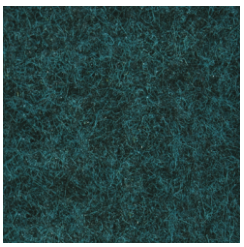

TREC 101 Droplet

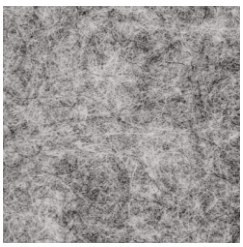

TREC 88 Palm Groove


TREC 87 Sporting Green





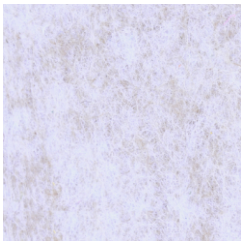


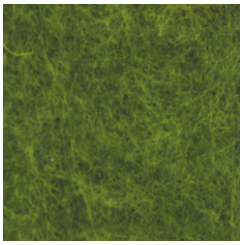


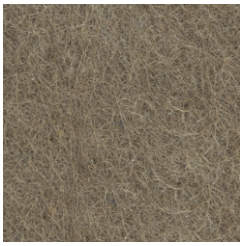
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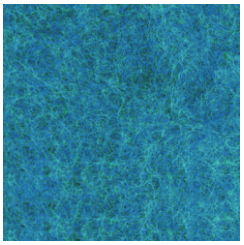
ECOCORE COLORS

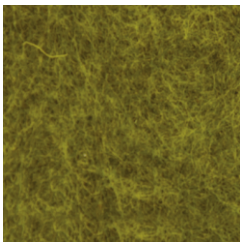

TREC 53 Goldfish

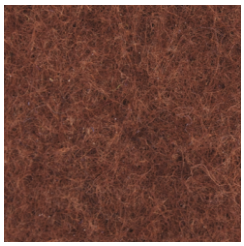

TREC 62 Iced Silver

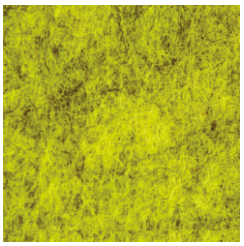

TREC 72 Golf Green


TREC 57 Almond Sand


TREC 73 Elm Grove


TREC 74 Dropping Leaves

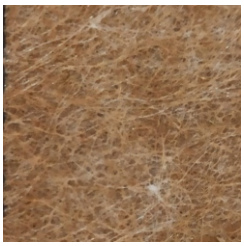

TREC 75 Mochaccino

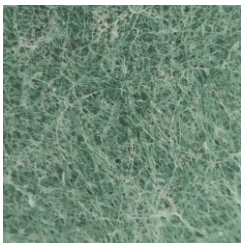

TREC 64 Lemon Souffle

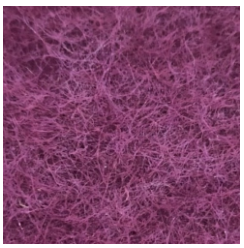

TREC 70 Aloe Green


TREC 127 Blue Charm

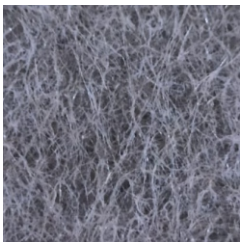

TREC 63 Rare Orchid


TREC 128 Pine Cone

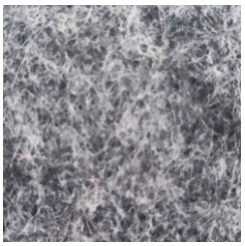

TREC 124 Tropic Green


TREC 126 Iris


TREC 91 Peaceful Blue


TREC 123 Bay Leaf


TREC 109 Cloud Blue


TREC 121 Pigeon Grey





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ECOCORE

PET Panels Acoustical Systems

ECOCORE COLORS

MOHAIR SERIES



TREC 140 Frozen Ice



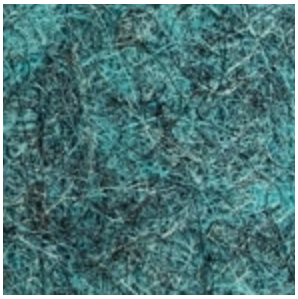
TREC 145 Tiara



TREC 146 Beach House



TREC 155 Blue Bird



TREC 149 Lake View



TREC 144 Mid-Day Blossom



TREC 147 Orange Sky

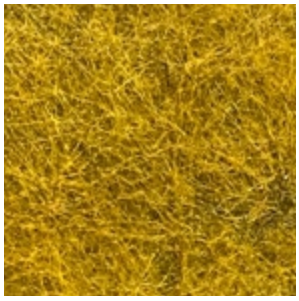


TREC 150 Berry Bloom



TREC 153 Rich Maple







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APPLICATION



Crafted Product |
Acoustical-Tranquil Ecocore Plain

Client | **Wipro, Pune**

**The product color may vary due to photographic lighting sources.*



Crafted Product |
Acoustical-Tranquil Ecocore Plain - Triangle

Client | **Qualys, Pune**

ECOCORE

PET Panels Acoustical Systems

INSTALLED IMAGES



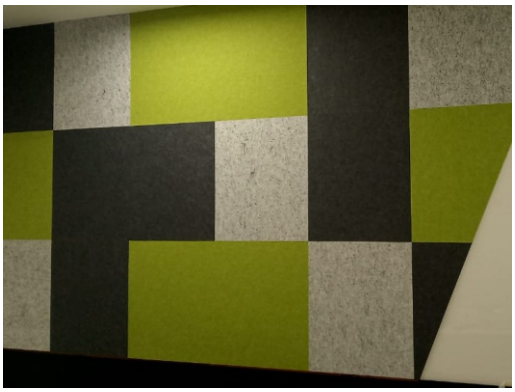
Crafted Product | **Acoustical-Tranquil Ecocore Plain - Square**

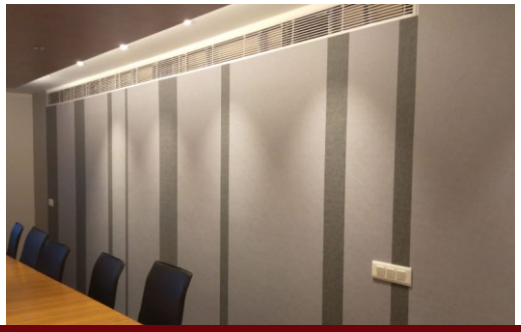
Client | **Dhule Govt. Library, Pune**



Crafted Product | **Acoustical-Tranquil Ecocore Plain - Triangle**

Client | **Corner, Bangalore**

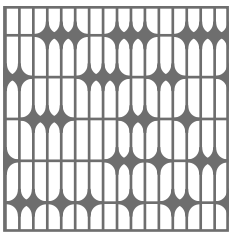


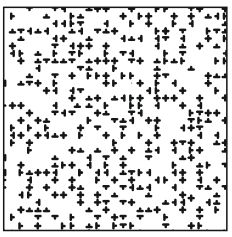


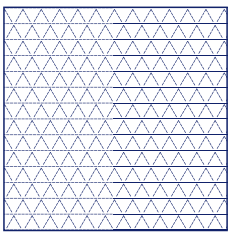
ECOCORE *Printed*

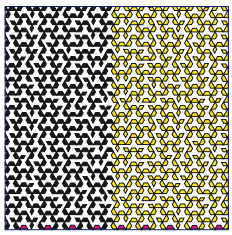
Tranquil Ecocore Printed are aesthetically designed printed Ecocore panels. These panels are available in 9mm, 12mm and 25mm. Tranquil Ecocore Printed Panels gives you wide options of designs with the option of customization of designs to your requirement.

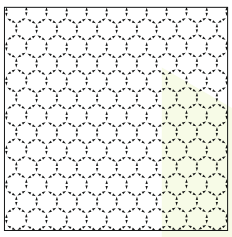
ECOCORE PRINTED DESIGNS

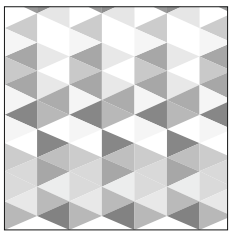

Eco 1001

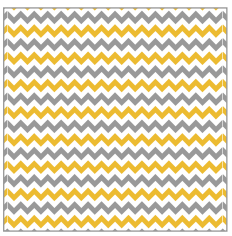

Eco 1003

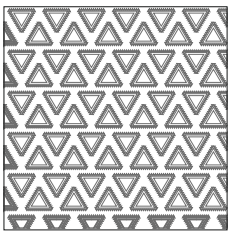

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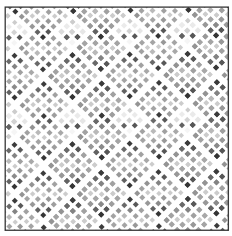

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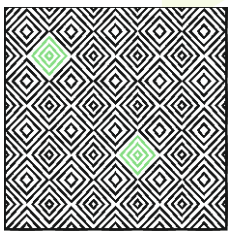

Eco 1024

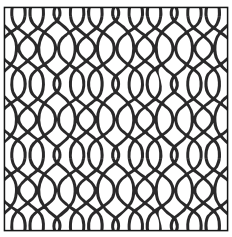

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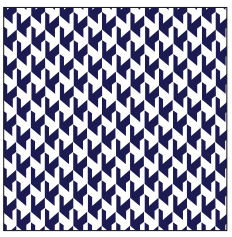

Eco 1034


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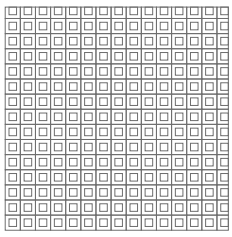

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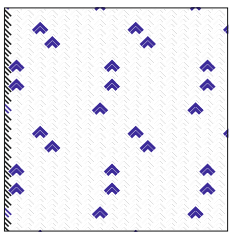

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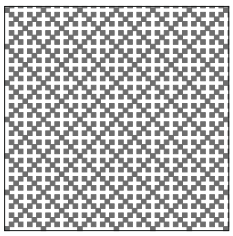

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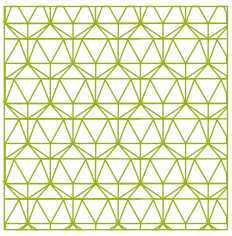

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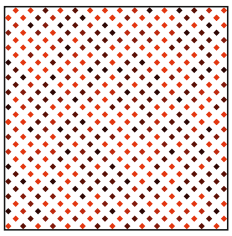

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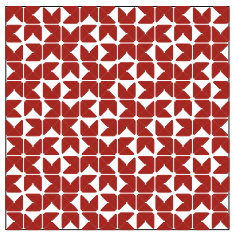

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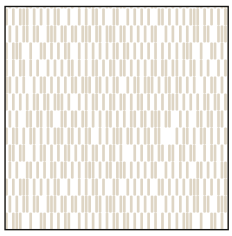

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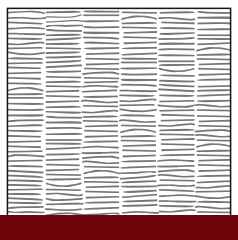

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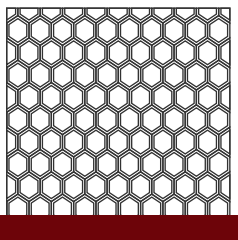

Eco 1060


Eco 1061


Eco 1083

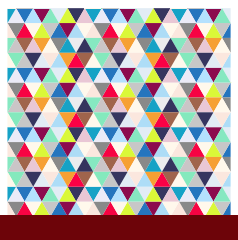

Eco 1084





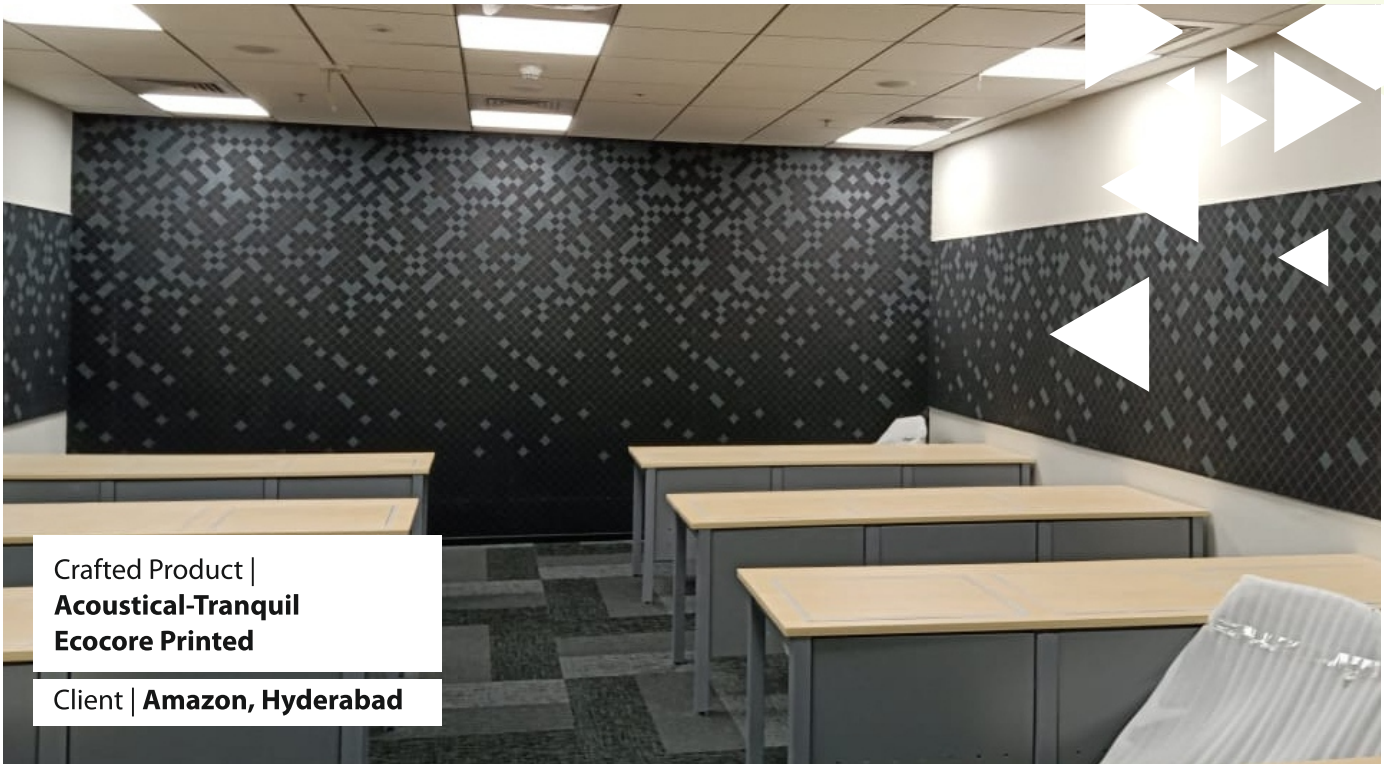






ECOCORE *Printed*

INSTALLED IMAGES



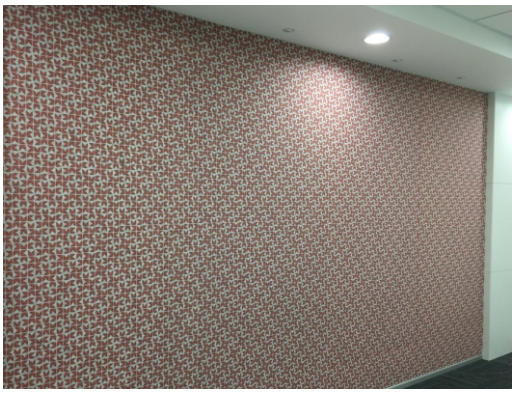
Crafted Product | **Acoustical-Tranquil Ecocore Printed**

Client | **Amazon, Hyderabad**



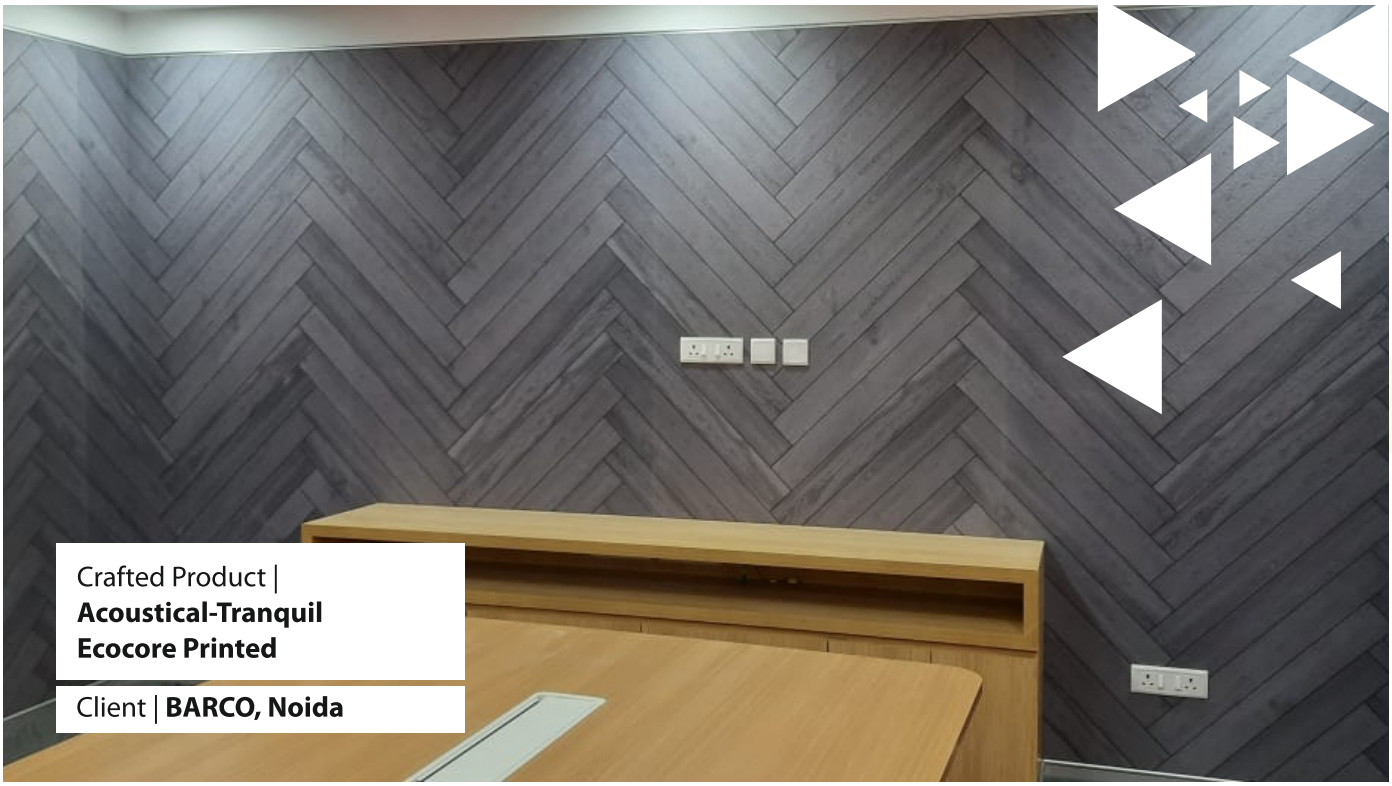
Crafted Product | **Acoustical-Tranquil Ecocore Printed**

Client | **BARCO, Noida**





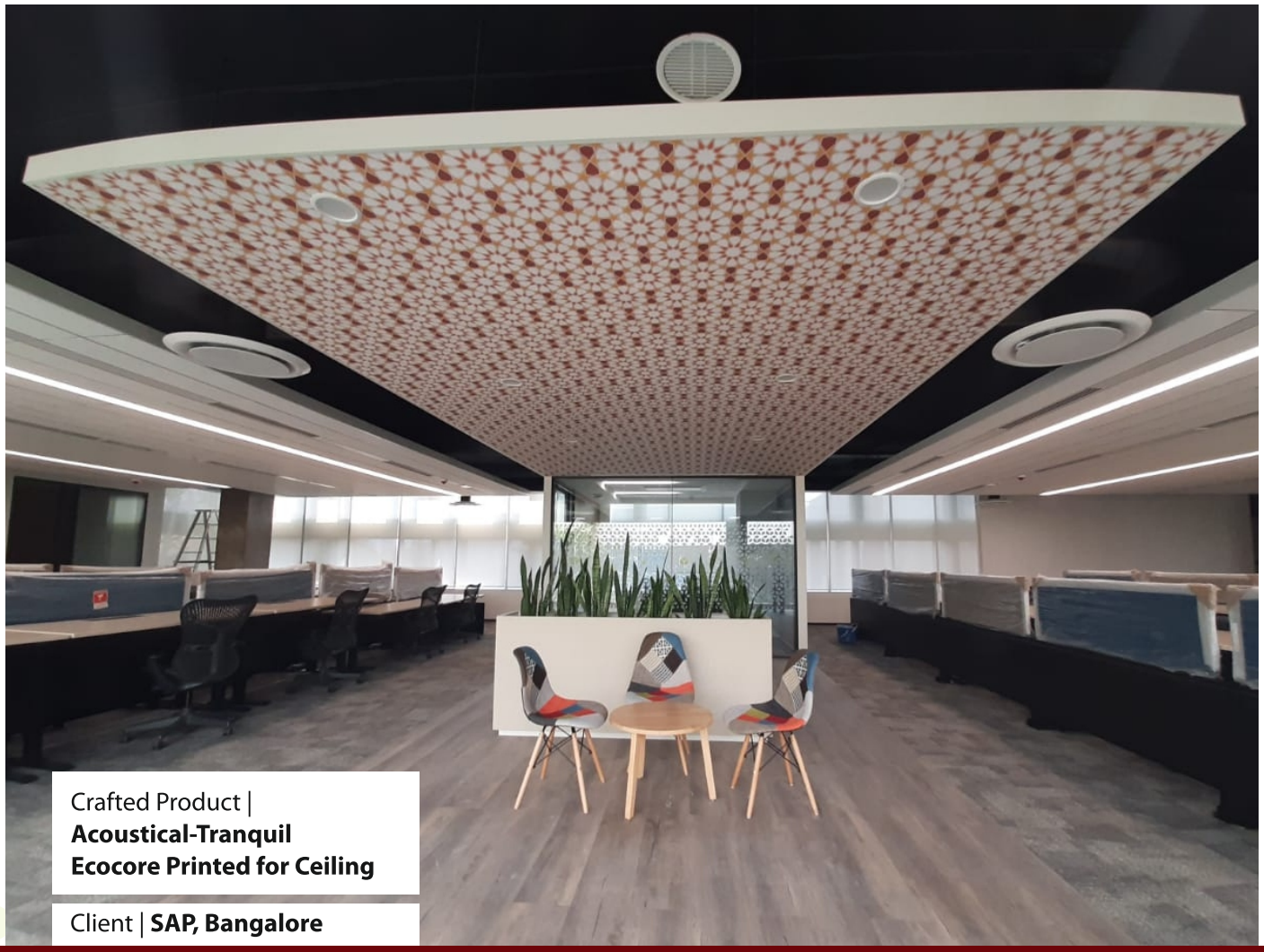
MORE DESIGNS





ARRAY OF CHOICES

PERSONALISING
FOR YOUR NEED



Crafted Product |
Acoustical-Tranquil
Ecocore Printed for Ceiling

Client | **SAP, Bangalore**

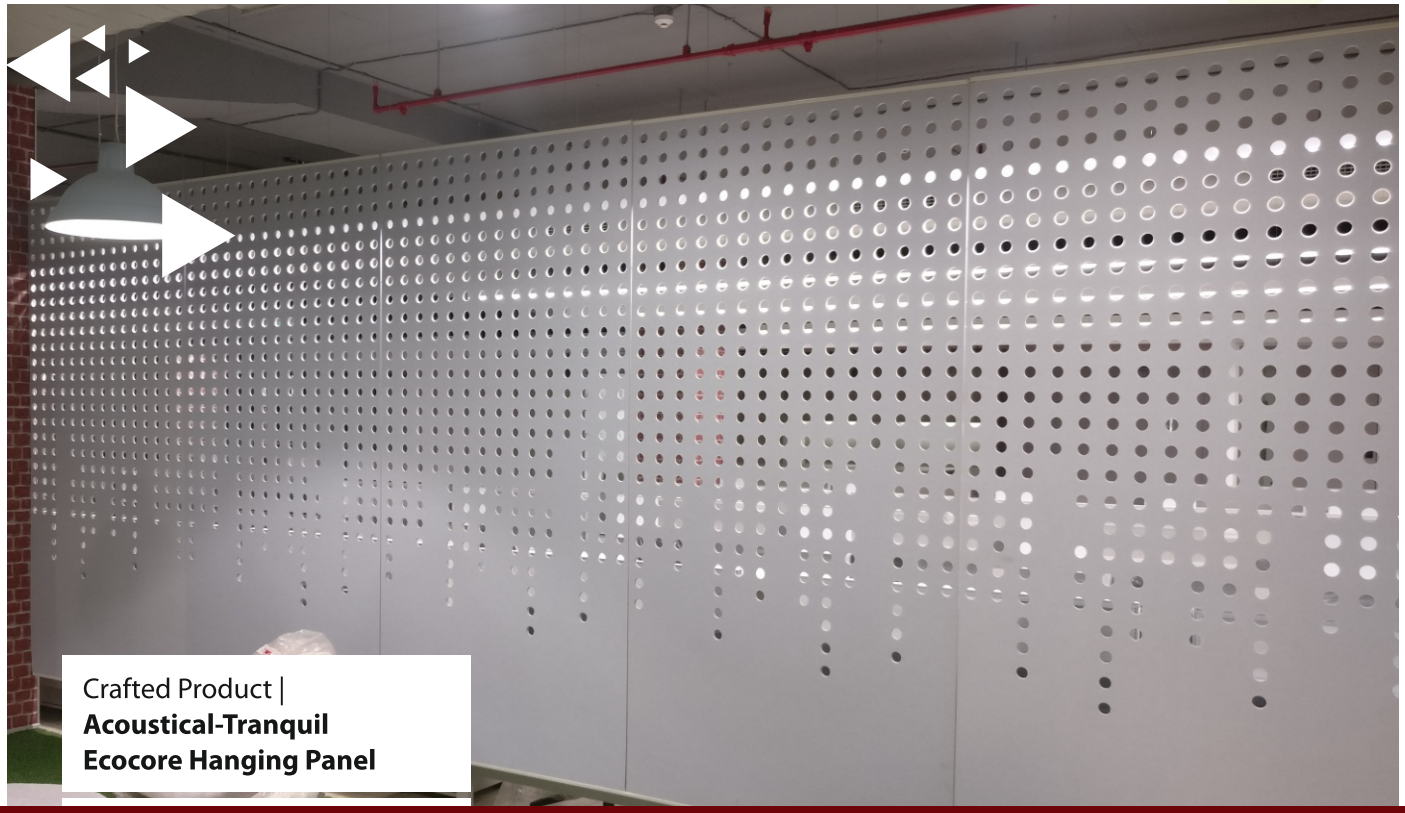
ECOCORE *Perforated Panels*

Tranquil Ecocore Perforated Panels add colour, design and modulated visibility to any space. These panels can be used as Perforated Hanging Panels to define space, control light and provide varied degrees of privacy as well as these can be used as perforated wall panels. Available in multiple colors, perforated hanging panels are compatible with hanging panel track or hanging frame. These panels are ideal choice as hanging panels due to its softness, thickness and free hanging system without any backing and additional support. This enables a modern screening system.

SPECIFICATION

- Width: Up to 1200 mm.
- Thickness: 9/12/25 mm.
- Colors: Wide choice of colors.
- Height: Customised to requirement.
- Naturally repels Soiling and Moisture.
- Thermal and Acoustic insulating properties.





Crafted Product |
Acoustical-Tranquil Ecocore Hanging Panel

ECOCORE *Perforated Panels*

INSTALLED IMAGES



Crafted Product | **Acoustical-Tranquil Ecocore Hanging Panel**

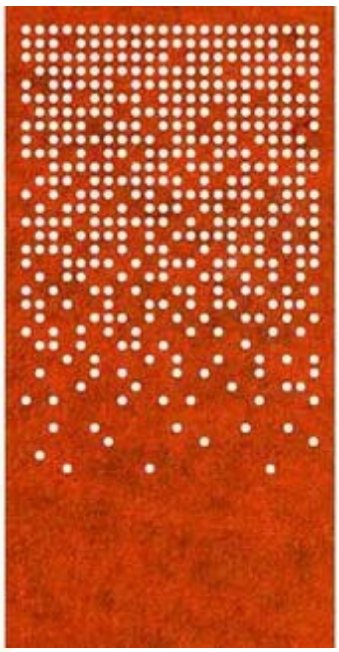
Client | **Microsoft, Noida**



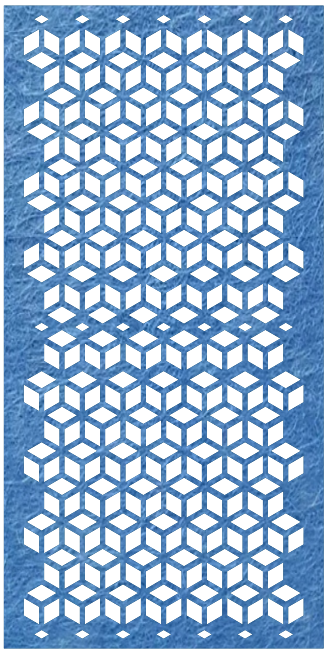
Crafted Product | **Acoustical-Tranquil Ecocore Hanging Panel**

Client | **PWC, Kolkata**

STANDARD DESIGNS









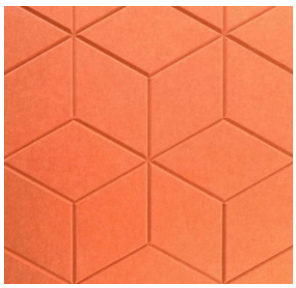
ECOCORE *Grooved Panels*

Tranquil Ecocore Grooved Panels are rich patterned grooved panels range allowing for a variety of decorating uses. Tranquil Ecocore Grooved Panels brings an entirely new look to the flat panels with its V-shaped grooves carved into its face. Inspired by geometry, the dynamic Grooved Panels are ideal for sound absorption, achieving a remarkable NRC and visually softening the space.

SPECIFICATION

- Product Type: V-grooved Acoustic Panel
- Material: 100% Polyester fiber
- Size: 2400*1200 mm / 1200*600 mm / 600*600 mm
- Thickness: 9 / 12 mm
- Density Kg/m^3 (+/- 10%): 9mm: 200 Kg, 12mm: 190 Kg
- Colors: 56 colors in 9 mm; 68 colors in 12 mm, customized colors as per requirement.
- NRC: 0.3 - 0.4 (without gap)
- Eco-friendly: E0
- Fire Resistance: En13501 Class B

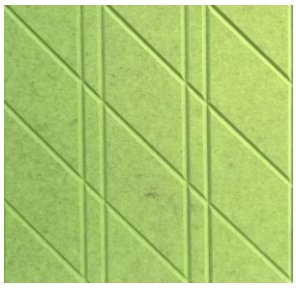
ECOCORE GROOVED DESIGNS



Alea-04



Cheq-06



Deau-02



Hex-03





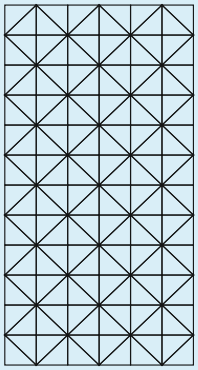


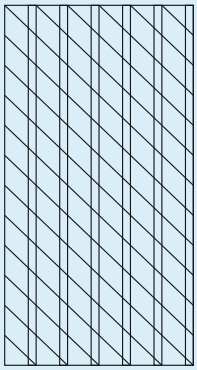


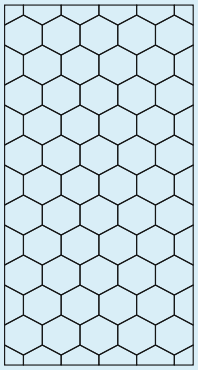
ECOCORE *Grooved Panels*

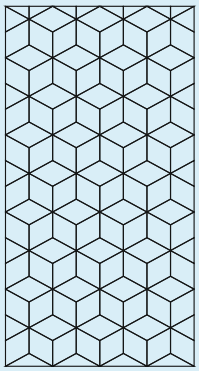
MORE DESIGNS

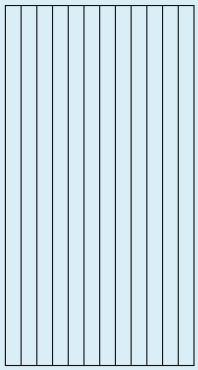
SIZE - 1200 x 2400 mm

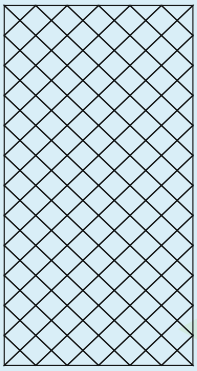

TREG-10 Crux

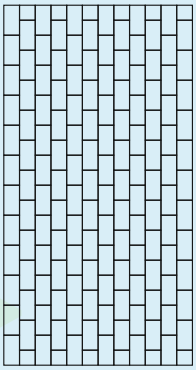

TREG 02 Deau

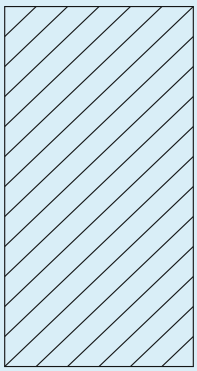

TREG 03 Hex

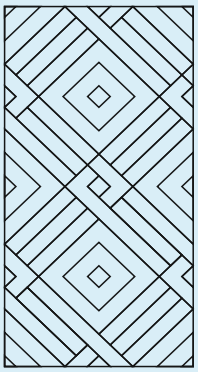

TREG 04 Alea

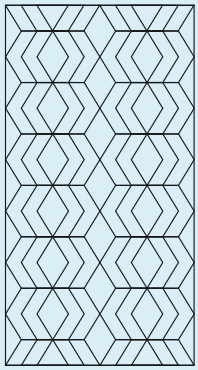

TREG 05 Linear

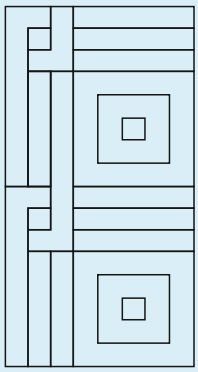

TREG 06 Cheq

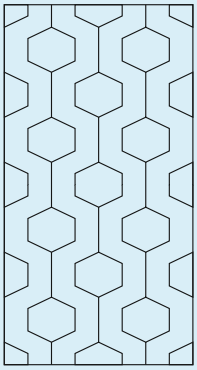

TREG 07 Homi


TREG 08 Luca

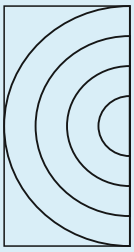

TREG 11 Verto

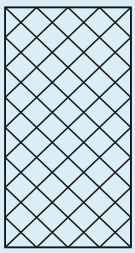

TREG 12 Hew

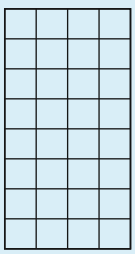

TREG 13 Vito

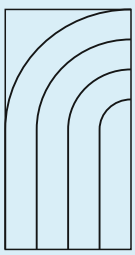

TREG 14 Twix

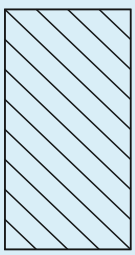
Size: 1200*600mm and 600*600mm for combination

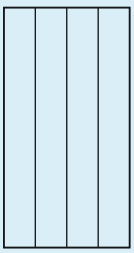

TREG 15 Swirl

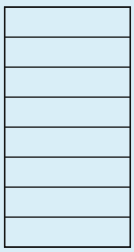

TREG 06 Cheq

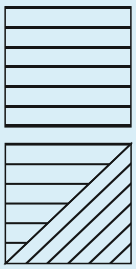

TREG 09 Buxe

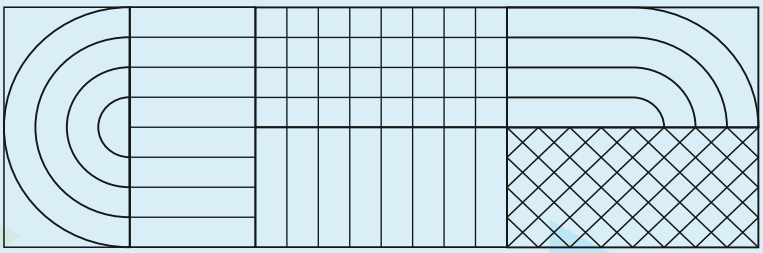

TREG 16 Rilo

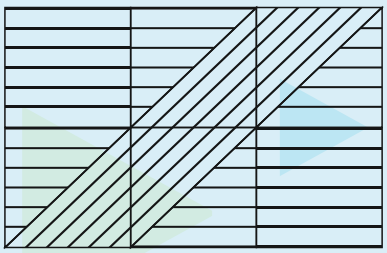

TREG 08 Luca


TREG 05 Linear(V)


TREG 05 Linear(H)


TREG 17 Lagom







Crafted Product |
Acoustical-Tranquil Ecocore Grooved Panels

Client | **Oracle, Bangalore**



Crafted Product |
Acoustical-Tranquil Ecocore Grooved Panels

Client | **Residential Home Theater, Pune**

ECOCORE *Felts Acoustical Systems*

Tranquil Ecocore Felt are large sheets of PET. The panels can be used in different spaces. It can be used on walls and ceilings. Tranquil Ecocore Felt comes in multiple thicknesses ranging from 1mm to 6mm. These come in wide variety of colors which are standard and can be customized to a requirement. These are available in a width of 1.00 metre and 1.22 metre.

Tranquil Ecocore Felt offers incredible sound acoustics as well as great aesthetics.

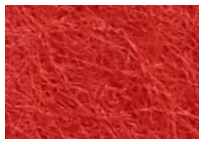
SPECIFICATION

- Thickness: 1mm to 6mm
- Maximum Dimension : W: 1.00 m, L: 10.00 m to 50.00 m rolls (Depending on thickness)
- Density Kg/m^3 (+/- 10%): 350 Kg/m^3
- Composition: 100% Polyester Core
- Warranty: Against workmanship and manufacturing defects for 2 years from date of purchase
- Fire Rating: Class 'B' as per ASTM E - 84 Tunnel Test
- Mounting Method: Glued to the wall using adhesive.

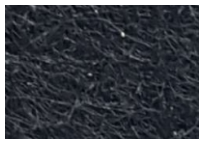
ECOCORE FELT COLORS

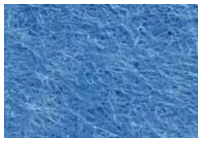

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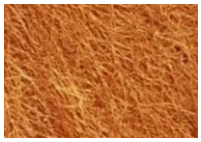

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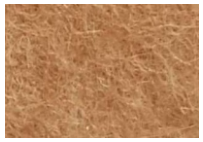

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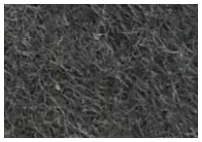

TREC 11 Silver Grey


TREF 019-902

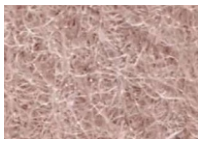

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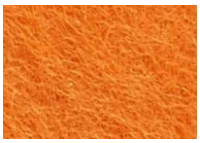

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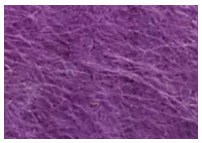

TREC 35 Caramel

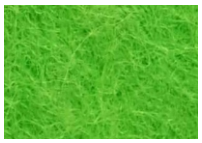

TREF 037-901

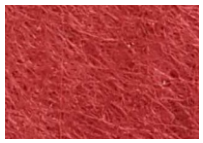

TREC 39 Coffee

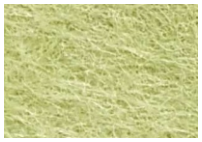

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TREF 046-823

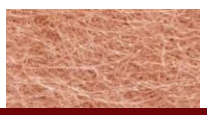

TREC 49 Purple


TREF 051-933


TREF 024-842


TREC 43 Apple Green

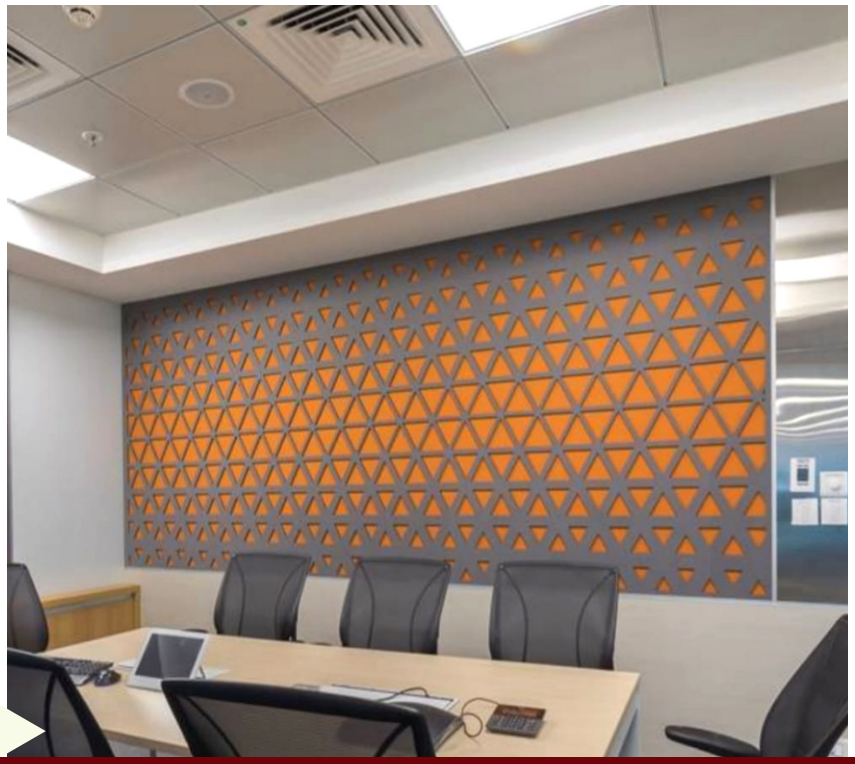


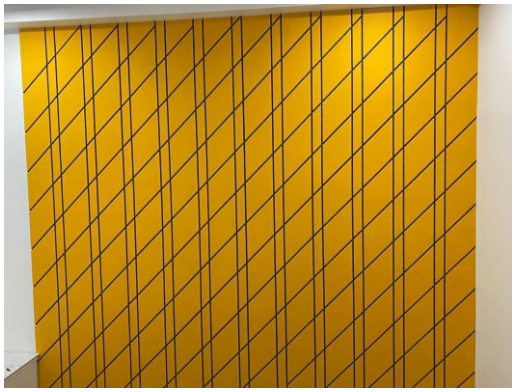




ECOCORE *Carved Panels*









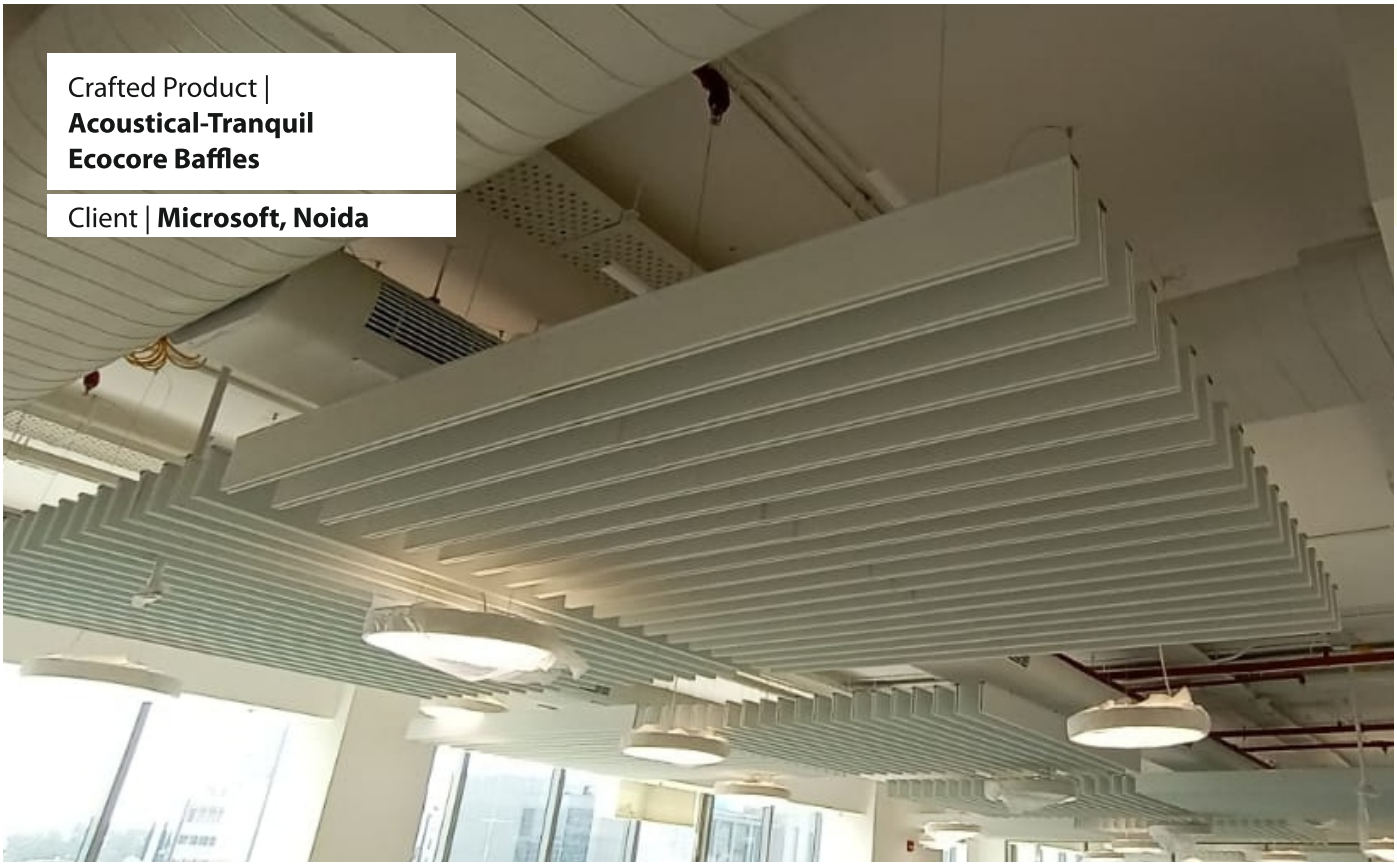
ECOCORE *Baffles & Clouds*

Tranquil Ecocore Clouds & Baffles are used in large open areas that have minimal wall surfaces to attaché traditional wall panes. It comes in 5 different patterns and can be customized to your requirement.

SPECIFICATION

- Thickness - Min: 9mm, Max: Custom Thickness
- NRC - upto 0.95





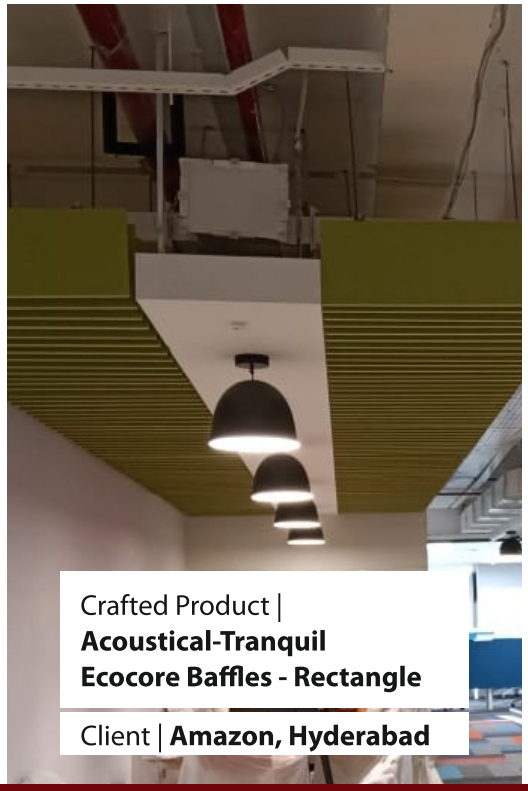
Crafted Product |
Acoustical-Tranquil
Ecocore Baffles

Client | **Microsoft, Noida**



Crafted Product |
Acoustical-Tranquil
Ecocore Baffles - Wavy pattern

Client | **Baxter, Bangalore**



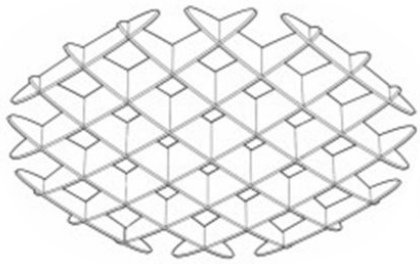
Crafted Product |
Acoustical-Tranquil
Ecocore Baffles - Rectangle

Client | **Amazon, Hyderabad**

ECOCORE *Eco Baffles*

Tranquil ECO Baffles are decorative acoustic baffles made of felt wrapped polyester panels. These are available in standard designs with a wide choice of colors. These baffles are easy to install due to its interconnection and modular accessories. The baffles majorly come in 14/20/27mm thickness but the same can be customized up to 54 mm. Along with thickness the baffles can be customized to different sizes and shapes giving the flexibility to designers to design the space to their choice and colors.

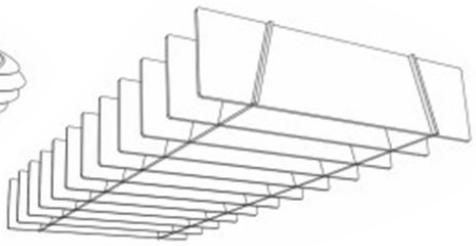
PATTERNS



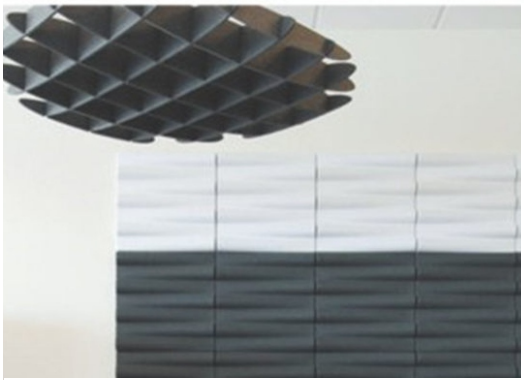
Round: 1200*1200*150mm
Thickness - 14/20/27 mm



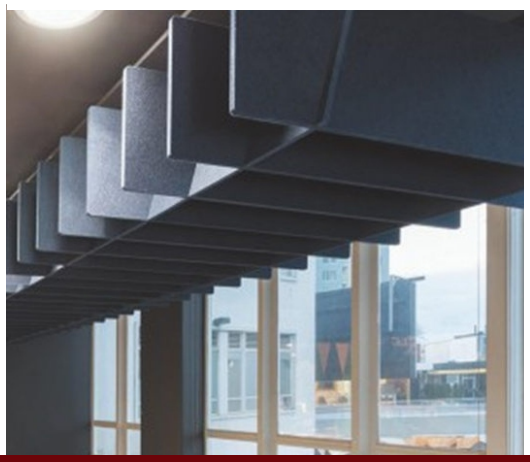
Oval: 2400*1200*300mm
Thickness - 14/20/27 mm



Rectangle: 2400*1200*280mm
Thickness - 14/20/27 mm









ECOCORE *Baffle Ceiling*

Ecocore Baffle Ceiling is one of the industry's most dynamic acoustic ceiling systems. Designed to work with standard connection system, Ecocore Baffle installs in seconds. This is where flowing aesthetics and acoustic performance meet in harmony.

Size

2400*200*9/12mm

2400*300*9/12mm

1200*400*9/12mm

Material

Ecocore Standard 9/12 mm panel

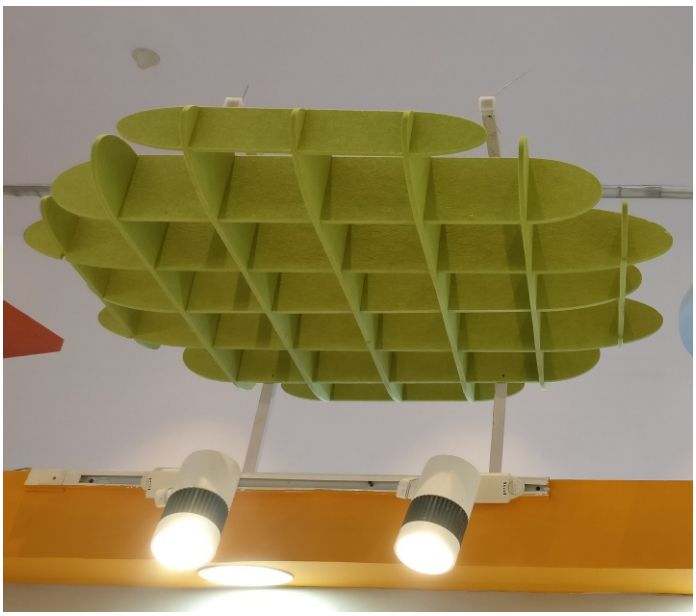
Mounting

Ceiling hung with square tube and cable

Service

Customized designs available

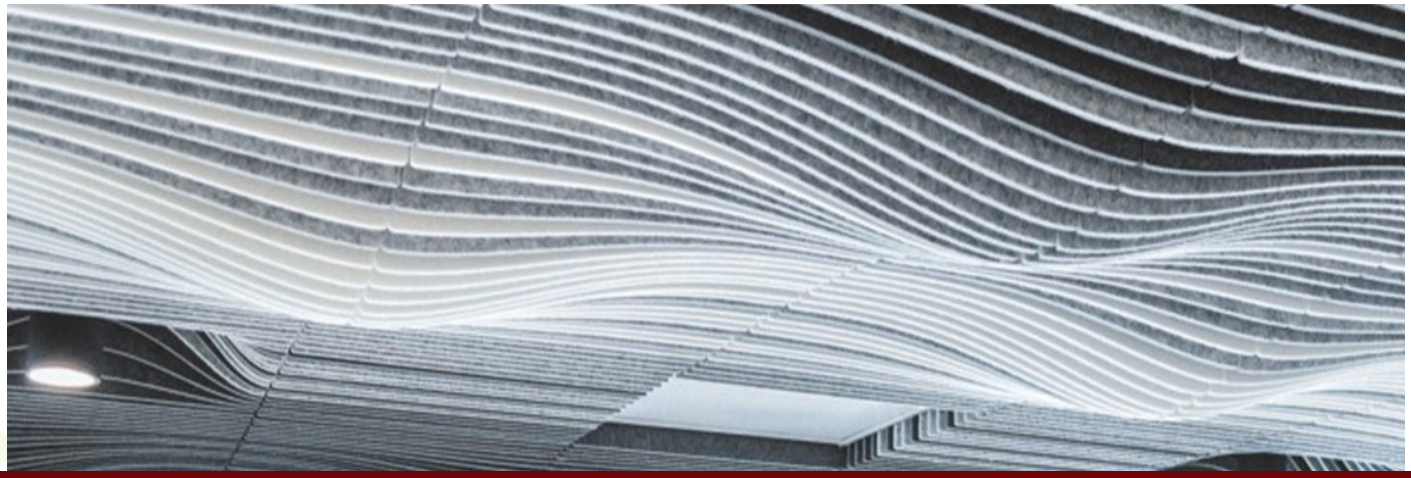






Crafted Product | **Acoustical-Tranquil Ecocore Baffle Ceiling**

Client | **Tranquil H.O, Bangalore**



ECOCORE *Embossed Panels*

Tranquil Ecocore Embossed Panels are a highly functional acoustic tiles designed for new and existing walls and ceilings. The acoustic tiles are available in square size of 400mm X 400mm, that can create subtle and commanding patterns by altering the colour and orientation of the tiles to build formations. The tiles are quick and easy to install and ideal for open plan spaces, feature ceilings and quiet areas.

SPECIFICATION

- Size: 400mm X 400mm Tiles
- Thickness: 9mm
- Embossing: Standard Designs and can be customized as per designs

ECOCORE EMBOSSED DESIGNS

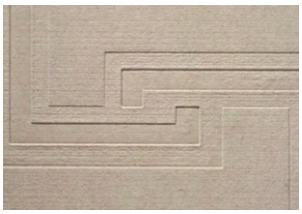

Camer


Cone

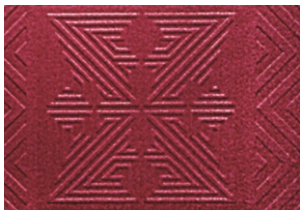

Couter


Duastri


Dulit


Esco


Fluer


Herit


Scion


Sipher


Squir

ECOCORE *Desk Panels*

Audile Panel



Audile Carved



Size

2400*400*12mm / 1200*400*12mm

1200*600*12mm / or customized

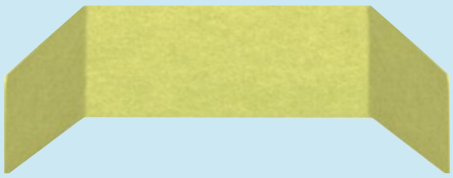
Audile Grooved



Size

2400*600*12mm / 2000*600*12mm / or customized

Audile Fold



Size

2400*400*12mm / 2000*400*12mm

1800*400*12mm / or customized

Audile Insert



Size

800*600*12mm / 800*700*12mm / or customized

Ovia Spot



Size

920*300*14mm / 1180*300*14mm

Ovia Dot



Size

800*330*13mm / 1030*330*13mm / 1030*500*13mm

Ovia Hung



Size

1180*580*16mm

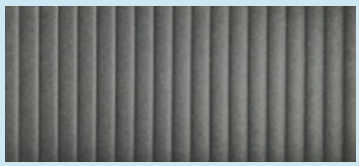
Ovia Slot



Size

580*340*16mm / 1180*340*16mm / 1380*340*16mm

Ovia Wave



Size

1170*580*9mm / 1170*580*12mm

Ovia Linear



Size

1400*560*18mm / 1160*450*18mm

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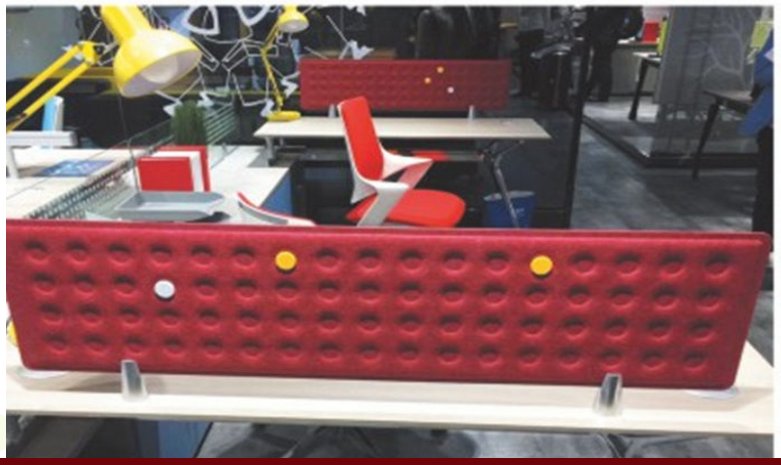
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ECOCORE *Desk Panels*











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CORPORATION
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ECOCORE *Sound Shape Panels*

The Tranquil ECOCORE Sound Shape Panels are sublime acoustic panels that can be used as designer panels with exceptional acoustic qualities. These panels are made of 100% PET fibre and are naturally resistant to fire, moisture, vermin, insects, mould, and bacteria, eliminating the need for any chemical additives, These panels come in standard designs and sizes and can be customized according to the requirements. The Sound Shape Panels are versatile in the sense that they can be combined with other acoustic materials to meet the divergent requirements of any space or environment. These panels are the best solution if you are looking for aesthetics that meets the functionality of an acoustic.

SPECIFICATION

- Thickness: 8mm to 36mm
- Maximum dimensions: W-1200mm, L-2400mm
- Density Kg/m^3 (+/- 10%): Upto 200kgs
- Composition: 100% Polyester Core
- Warranty: 2 years
- Fire Rating: Class "A" and Class "B"
- Mounting Method: Glued
- NRC: Upto 0.70



ECOCORE *Sound Shape Panels*

PATTERNS


TREP101
OCEAN EDGE


TREP102
WANNING MOON


TREP103
EARTHEN WARE


TREP104
SUNNY KNOLL


TREP105
WAVELET


TREP106
ORNATE


TREP107
RADIANCE


TREP108
FIDDLE FERN


TREP109
RUFFLE TRUFFLE


TREP110
SNOW DRIFT


TREP111
LUNARIA

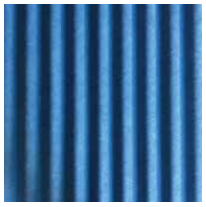

TREP112
SAND DUNES

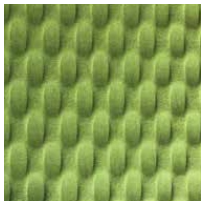

TREP113
SYMMETRIC


TREP114
ROPE WEAVE


TREP115
BAMBOO


TREP116
WRINKLED PAPER


TREP117
MOUNTAIN STRIPS


TREP118
SNOW ISLAND

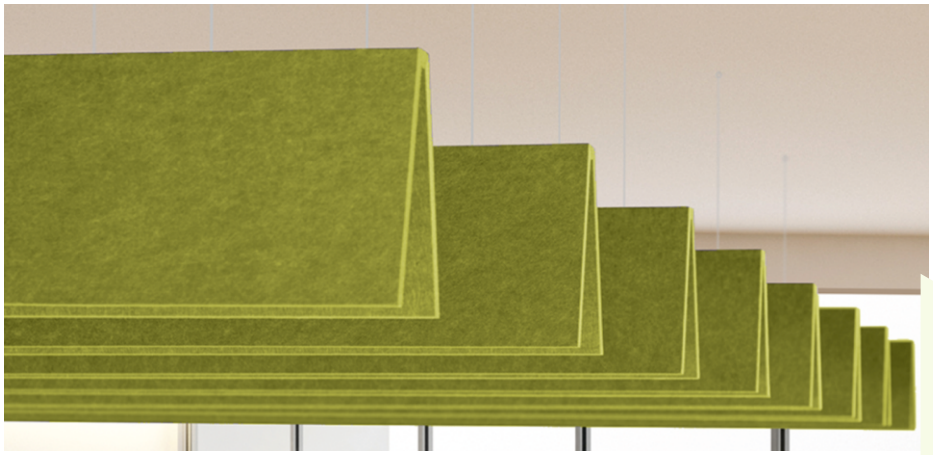


ECOCORE

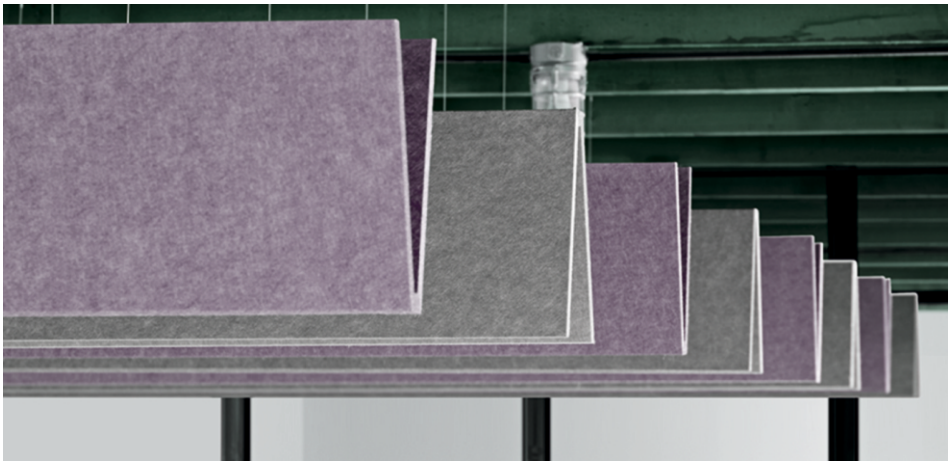
PET Panels Acoustical Systems

Design Ideas

ECO A-BAFFLE *Ceiling*



ECO A & V-BAFFLE *Ceiling*



ECO DUAL *Wall*

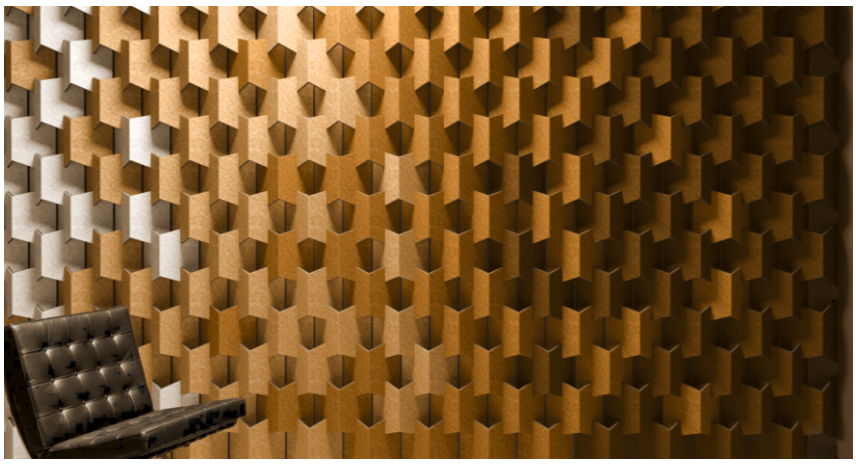


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ECOCORE *PET Panels Acoustical Systems*

ECO V-STACK *Panelling*



ECO WAVY PET *Panelling*



ECO PARTITIONS *Hanging Panel*



Design Ideas

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ECOCORE

PET Panels Acoustical Systems

Design Ideas

ECOPIXEL *Inspired By:- Raindrops*



ECOPIXEL *Inspired By:- Clouds*





TRANQUIL®

ECOFILZ

Felt Acoustical System



ECOFILZ

Felt Acoustical System

Felts

Felt Panels

Hanging Panels

Tranquil ECOFILZ Felts are made of Composite Fibres comprising of wool, nylon, rayon and polyester. These felts can be used in different spaces as walls and ceilings and add color and

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ECOFILZ *Felt*

ECOFILZ FELTS-CHARACTERISTICS

Tranquil Ecofilz Felts are made of Composite Fibres comprising of wool, nylon, rayon and polyester. These felts can be used in different spaces as walls and ceilings and add color and vibrance to any space. Available in multiple colors, these panels are an ideal choice due to its softness, feel and texture. These felt comes in multiple thicknesses ranging from 1.2 mm to 4 mm and can be customised to 10mm thickness.
These are available in a width of 1.10 metre and 1.70 metre. Highly saturated colors that are lightfast.
Tranquil Ecofilz Felt offers incredible sound acoustics as well as great aesthetics.

SPECIFICATIONS

- Width: 1100mm & 1700mm depending on color and thickness
- Material: Composite Fibres of Wool, Nylon, Rayon & Polyester.
- Thickness: 1.2mm, 2mm, 2.5mm, 3mm, 4mm & Customized Thickness.
- NRC: 3mm- 0.20
- Roll Length: 10m, 20m, 30m, 50m depending on color and thickness
- Colors: Wide choice of colors.
- Weight: 200 grams to 850 grams per sqmt.
- Thermal and Acoustic insulating properties.
- Naturally repels soiling and moisture

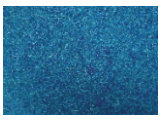


COLORS

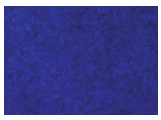

TREF 1001
Meadow Lark

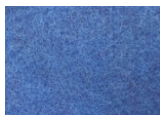

TREF 1002
Warmstone


TREF 1003
Brown Mustard


TREF 1004
Dayflower Blue

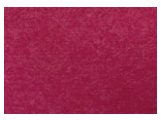

TREF 1005
Mowed Lawn


TREF 1031
Cobalt


TREF 1032
Dove Blue


TREF 1006
Dusky Saffron

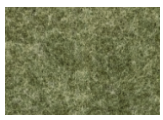

TREF 1007
Salsa Red


TREF 1008
Pink Panther


TREF 1009
Lime Delight


TREF 1010
Charcoal Plum


TREF 1036
Fresh Olive

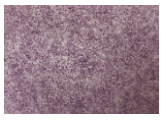

TREF 1037
Spring Surprise


TREF 1011
Burnt Malt

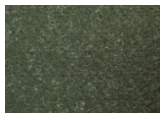

TREF 1012
Brushed Metal


TREF 1013
Galactic Grey


TREF 1014
Vine Green


TREF 1015
Candy FLoss


TREF 1041
Bentonite


TREF 1042
Montane Forest


TREF 1016
River Sand


TREF 1017
Velvet Stone


TREF 1018
Tropical Grass


TREF 1019
Roasted Sesame


TREF 1020
Acai Berry


TREF 1046
Silent Night


TREF 1047
Garlic Pod


TREF 1021
Delicate Pink


TREF 1022
Warm Pink


TREF 1023
Orange Crush


TREF 1024
Mauve Spring

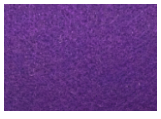

TREF 1025
Scarlet Sun

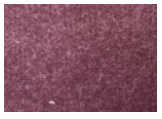

TREF 1051
Ocean Sand


TREF 1056
Thunder Cloud


TREF 1026
Heady Wine


TREF 1027
Deep Denim


TREF 1028
Iris Impact


TREF 1029
Mulled Berry


TREF 1030
Berry Brunch

TREF 1055
Black Sea

TREF 1052
Coffee Almond

TREF 1054
Mystic Dream

TREF 1038
Soldier Green

TREF 1039
Pine Nut

TREF 1040
Dark Peeble

TREF 1033
Blue Dawn

TREF 1034
Wispy Mint

TREF 1035
Yellow Blossom

TREF 1053

TREF 1048

TREF 1049

TREF 1050

TREF 1043

TREF 1044

TREF 1045

ECOFILZ *Felt Panel*

Tranquil ECOFILZ Felt Panels are rich acoustic panels which add color, design and warmth to the space. These panels are designed to control reverberated noise in building interiors. These are made of Ecofilz Felt laminated to Ecocore Panels. These panels can be used as Wall Panels, Screens, Tiles, Clouds, Baffles and many more customizable designs. With a wide range of colors, Tranquil Ecofilz Felt Panels gives great flexibility in designing any space.

BENEFITS

- Wide choice of colors: Huge range of more than 150 colors to suit to any color scheme.
- Environment Friendly: The panels are made from minimum 50% recycled material and the panels are recyclable as well.
- Thermal Insulation: Provides an additional benefit of enhancing the thermal performance.

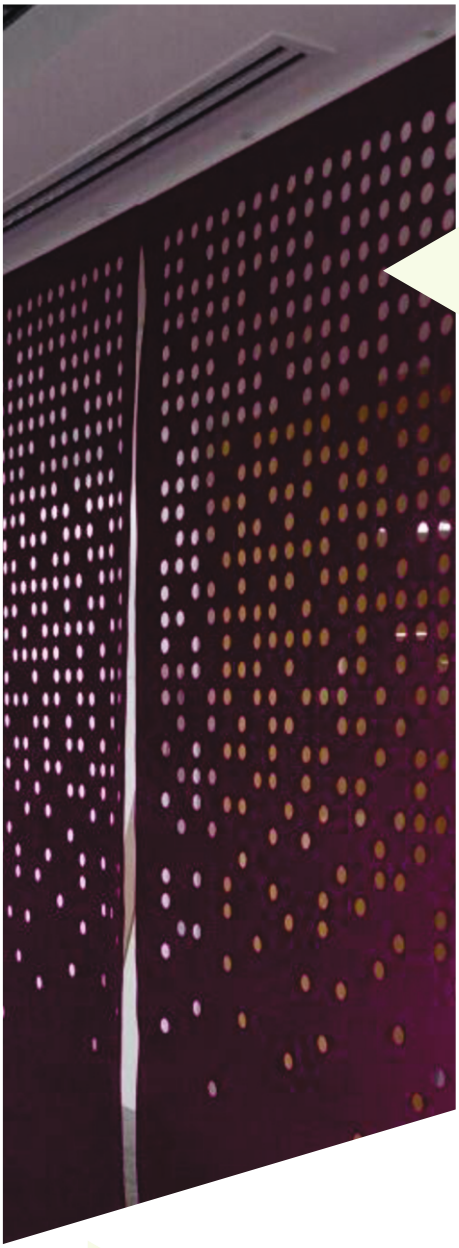
SPECIFICATION

- Width: 1100mm
- Material: Composite Fibres Felt on PET Panel
- NRC: 0.40
- Thickness: 10 to 16mm
- Length: 2400mm & 2700mm



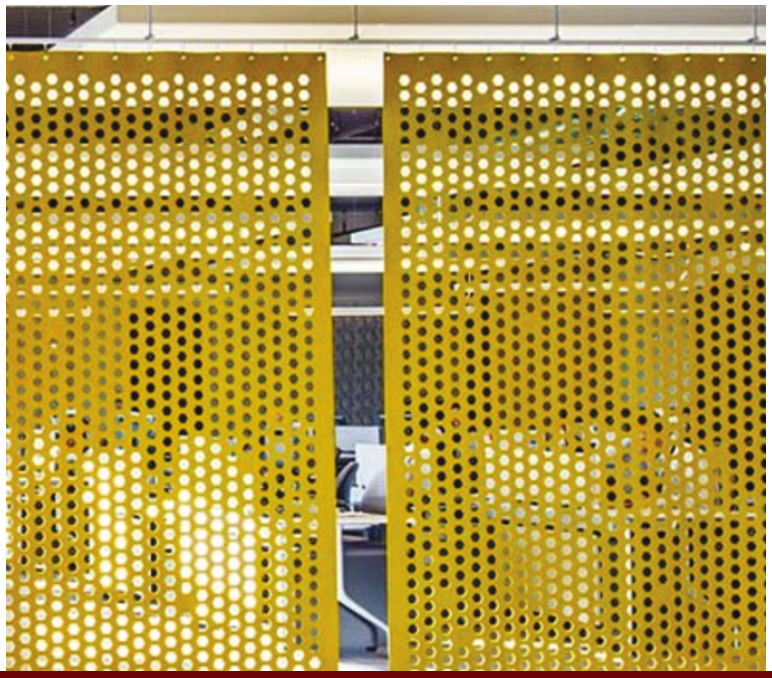
ECOFILZ *Hanging Panels*

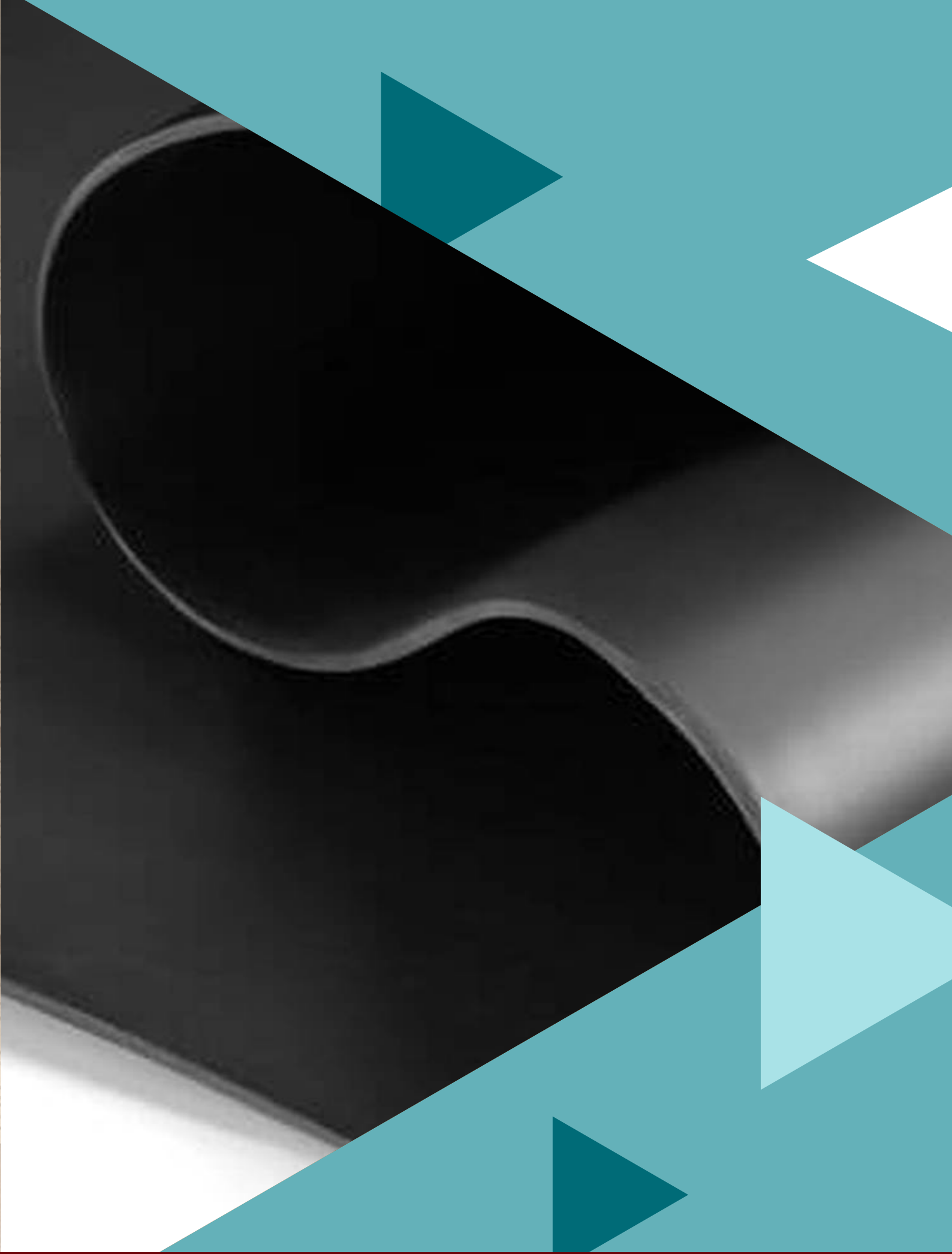
Tranquil Ecofilz Hanging Panels add color, design and modulated visibility to any space. These panels can be used to define space, control light and provide varied degrees of privacy. Available in multiple colors, these hanging panels are compatible with hanging panel track or hanging frame. These panels are ideal choice as hanging panels due to its softness, thickness and free hanging system without any backing and additional support. This enables a modern screening system.



SPECIFICATION

- Width: 1000mm to 1220mm.
- Material: Composite Fibres.
- Thickness: 3mm, 4 mm, & Customized Thickness.
- Colors: Wide choice of colors.
- Height: Can be customized to requirement.
- Naturally repels Soiling and Moisture
- Thermal and Acoustic insulating properties.





TRANQUIL® BLOCK

Mass Loaded Vinyl

Tranquil BLOCK is made of Mass Loaded Vinyl (MLV), which aids in soundproofing and can be used as a premium sound barrier. It not only absorbs noise but also dampens and blocks it; it is seamless, flat, curved, or doomed, and can be easily concealed in any type of complex surface to isolate noise. It is made of a combination of rubber, calcium, and barium, making it more durable to withstand any weather conditions. It can be used on walls, ceilings, or the floor to provide intense soundproofing.



High performance sound deadening membrane.

Roll form offers ease to install. Easy fixing at any curvature due to its flexibility.

BLOCK *Flexible Mass Vinyl*

INTRODUCTION

Tranquil BLOCK (MLV) is Fire-Rated to Class A, water-resistant, and antimicrobial. It is used in multiplexes, home theatres, nightclubs, offices, auditoriums, gyms, shopping malls, banquet halls, and other places where noise must be isolated. BLOCK is available in roll form and can be concealed behind a wall, acoustic panels, or fabrics because it controls high, medium, and low-frequency sound, vibrations, and bass. They are simple to install and can be covered with carpet, gypsum, cement, or wooden flooring. It can raise the Sound Transmission Class (STC) rating of a wall or ceiling and help to dampen excess noise within the space.

SPECIFICATION

- Material: Mass Loaded Vinyl
- Finish: Smooth Finish
- Max. dimensions: Length-10 m,
- Thickness:1 /1.5/2/3mm & customized upto 10mm.
- Width:1.22 / 2m
- Density: 1900 kgs / m^3
- Dimension Stability:< 0.4%
- Flexibility 10mm Mandrel Test: Pass
- Flame Spread: Class 1
- Installation: Material can be glued, nailed, stapled, screwed and can be reinforced and hung like a curtain.

ADVANTAGES

- Very High density product leading to high acoustic insulation.
- Roll form which is easy to handle.
- Flexible and easy to install
- Easy to cut with general accessories like knife and scissors.
- Thermal resistance leading to high heat insulation.
- Easy to install as it can be pasted with adhesive or nailed.
- Excellent ageing resistance

STANDARD

- IS: 9901 (Part 111)-1981,
- DIN:52210 Part IV-1989,
- ISO: 10140 (Part I) - 2016 "Measurement of sound insulation in building and of building elements"
- Part III: Laboratory measurements of airborne sound insulation in building and

APPLICATION

Walls | Ceilings | Flooring

- Used as high sound isolation material, can be installed on walls, ceilings and floorings.
- Used within partitions for reducing airborne noise.
- Noise created by impact on floors can be reduced by using it below flooring or below floating floors.

  Can be used in industries for sound insulation of machines, pipes and etc.
- Block can be used to wrap columns or pipes, duct work and etc.,

SOUND TRANSMISSION CLASS

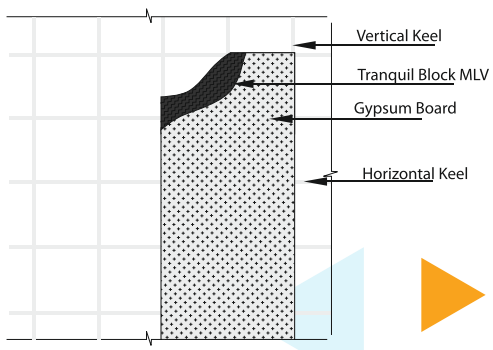
1/3 Octave Band Centre Frequency (HZ)	Airborne Sound Transmission Loss (dB) 3 mm thick Tranquil Block Density: 1900 kg/m3
100	08
125	12
160	15
200	20
250	23
315	30
400	37
500	40
630	42
800	48
1000	49
1225	54
1600	55
2000	57
2500	58
3150	58
4000	56
STC	36

ARAI
Progress through Research

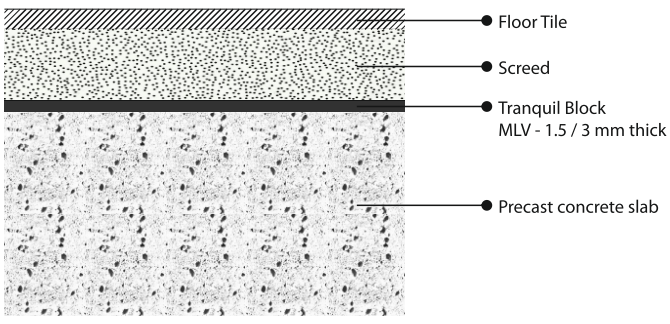
STORK®
Materials Technology

ASTM INTERNATIONAL

INSTALLATION OF SOUND ISOLATION



WALLS



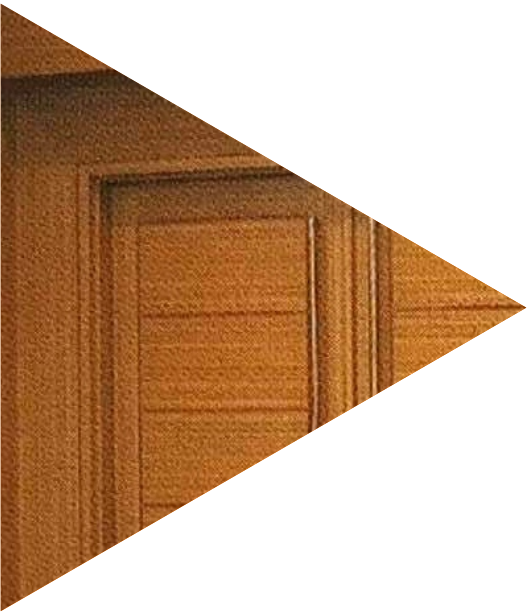
FLOORING



TRANQUIL®

ECOWOOD

Wooden Panel Acoustical Systems



ECOWOOD

Wooden Panel Acoustical Systems

Linear
Perforated
Micro-Perforated
Slatted

For World-class sound absorption & reverberation control, Tranquil Ecowood Wooden Panels offer the best solution.

These panels are a wide range of perforated, grooved wooden wall & ceiling panels.

These are available in a standard range of veneers and laminate surfaces. Their design is durable and offer invisible interlocking and concealed fixing systems to ensure a seamless fit.

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ECOWOOD *Linear Grooved Acoustical Panels*

Grooved Acoustic Panel is a kind of slit resonance absorption material which is made from high density panel with grooves on the surface and perforated holes at the back side. It has strong selection on the sound spectrum and particular great performance on the middle and low frequency. It has better sound absorbing effect on medium and high frequency if there is Ecowool (sound absorption cotton) filled at the back side cavity.

SPECIFICATION

- Structure: Core Material, Surface & Back Surface
- Core Options: Fire-Rated HDF, Non-Fire Rated HDF, 5 Layer Composite Panel & 3 Layer Composite Panel.
- Surface: Melamine, Veneer, HPL, Painted, Metal sheet, Artificial Veneer etc.
- Back Surface: Black Fleece
- Dimension: 2440*128mm, 2440*192mm
- Density: Fire-rated HDF - 820 Kg / m^3
- NRC: Upto 0.90
- Thickness: 12/15mm
- Performance: Sound Absorption/Noise Reduction
- Eco-Friendly: Class E1
- Fireproofing: Class B1
- Installation: Easy to be Installed by Wood Batten System or Lightweight Steel Keel System.

FEATURES

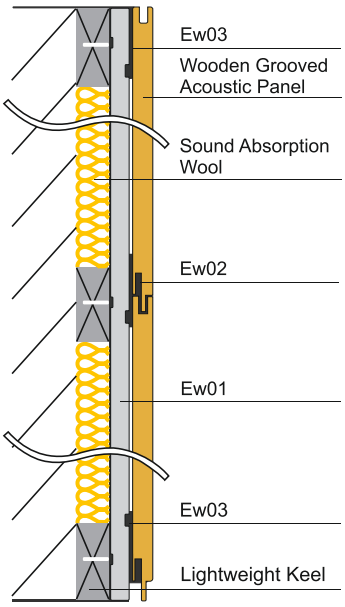
- Excellent Sound Absorption & Reverberation Control
- Fire Rated & Low Formaldehyde
- High Impact & Durable
- Black Felt Backing
- Invisible Interlocking & Concealed Fixing System

LINEAR GROOVED PANELS

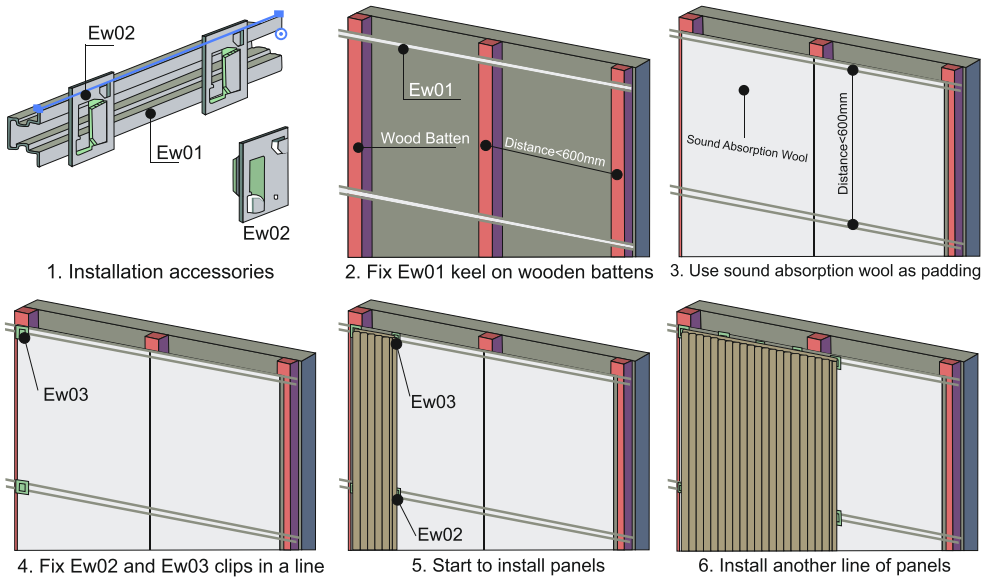
STANDARD MODEL

- 2 strips 1 Groove: 59/5 60/4
- 4 strips 3 Grooves: 28/4 29/3
- 8 strips 7 Grooves: 13/3 14/2

FIXING DETAILS

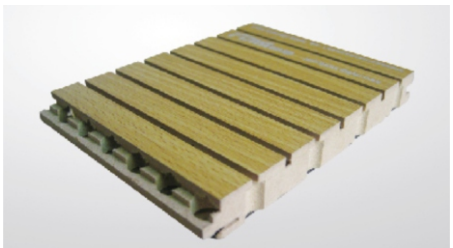


Cross-section Structure



Installation: Lightweight Steel Keel System

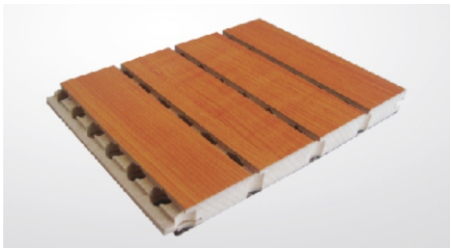
LINEAR GROOVED PATTERNS



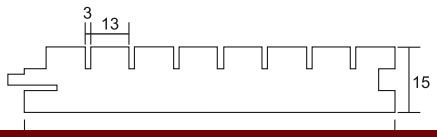
Pattern 13-3

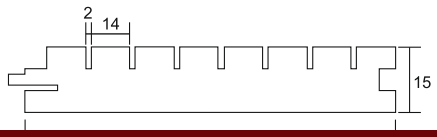


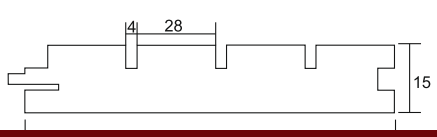
Pattern 14-2



Pattern 28-4







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ECOWOOD *Linear Grooved Acoustical Panels*

ABSORPTION COEFFICIENT

One third octave Frequency	Random Incidence Sound Absorption Coefficient	Standard Deviation
100	0.15	0.01
125	0.20	0.03
160	0.42	0.04
200	0.57	0.03
250	0.67	0.01
315	0.78	0.06
400	0.94	0.03
500	0.97	0.03
630	0.93	0.05
800	0.81	0.01
1000	0.71	0.01
1250	0.60	0.01
1600	0.49	0.01
2000	0.41	0.01
2500	0.39	0.01
3150	0.41	0.01
4000	0.51	0.02
5000	0.57	0.03

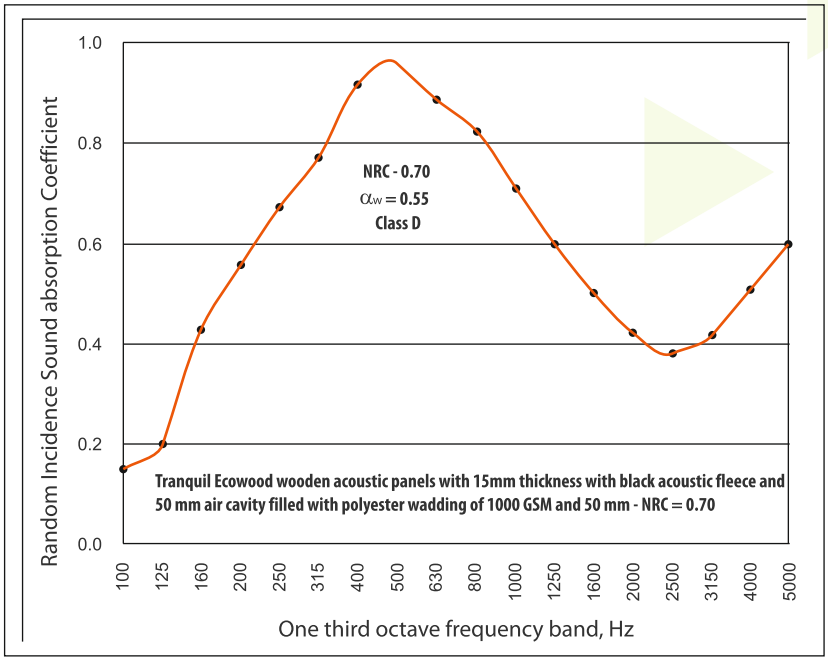


Table 1 and figure 02: Values and Plot for Random incidence sound absorption coefficient of Tranquil Ecowood Wooden Acoustic panels of 15 mm thickness with black acoustic fleece and 50 mm air cavity filled with polyester wadding of 1000 GSM and 50 mm at one third octave frequencies

One third octave Frequency	Random Incidence Sound Absorption Coefficient	Standard Deviation
100	0.20	0.04
125	0.19	0.05
160	0.41	0.04
200	0.54	0.03
250	0.70	0.03
315	0.75	0.02
400	0.87	0.01
500	1.00	0.05
630	0.99	0.01
800	0.97	0.01
1000	0.97	0.02
1250	0.92	0.02
1600	0.85	0.01
2000	0.78	0.01
2500	0.75	0.01
3150	0.80	0.01
4000	0.83	0.01
5000	0.83	0.01

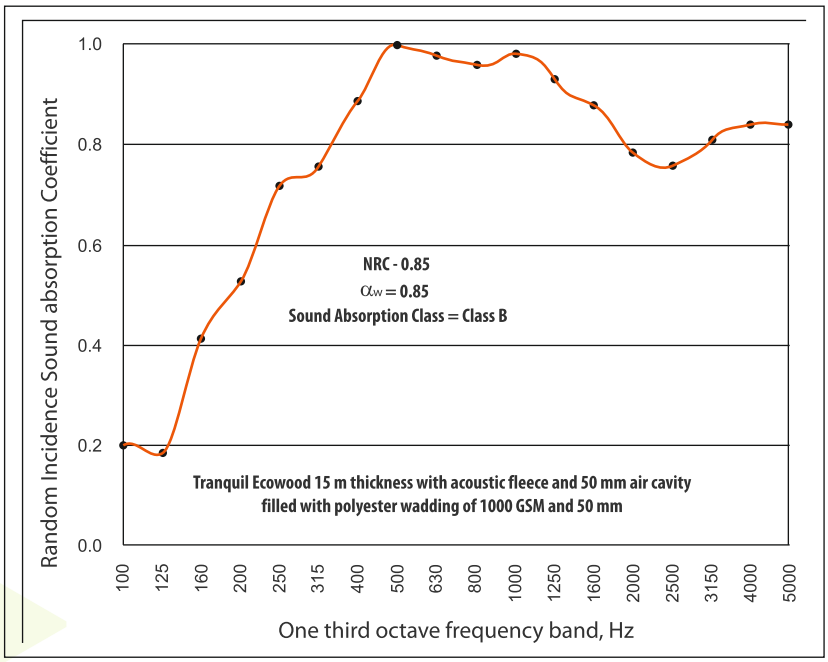


Table 1 and figure 02: Values and Plot for Random incidence sound absorption coefficient of Tranquil Ecowood Wooden Acoustic panels of 15 mm thickness with black acoustic fleece and 50 mm air cavity filled with polyester wadding of 1000

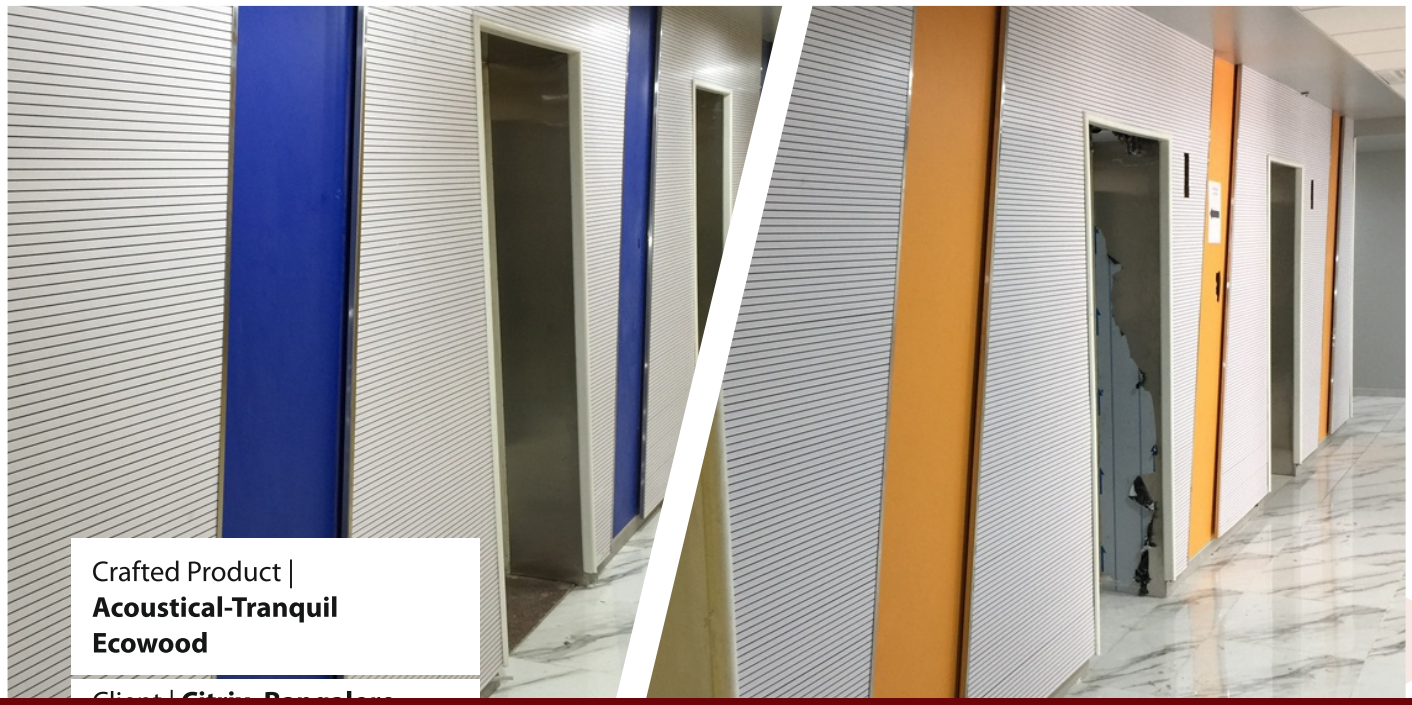
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APPLICATIONS



Crafted Product | **Acoustical-Tranquil Ecowood**

Client | **Microsoft, Noida**



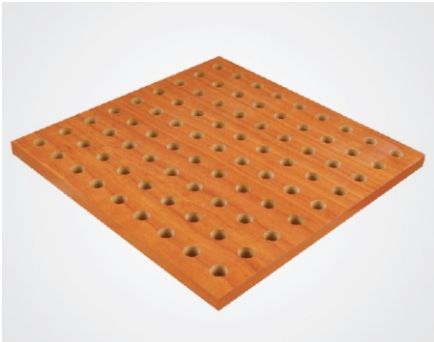
Crafted Product | **Acoustical-Tranquil Ecowood**

Client | **Citrix, Bangalore**

ECOWOOD *Perforated Acoustical Panels*

Tranquil Perforated Acoustic Panel is made of high quality HDF board and has outstanding environmental, flame retardant and waterproof functions. The various colors and finish choices can satisfy all the customer's acoustic and decoration requirements. Compared with the grooved acoustic panel, the perforated panel has the better impact against effect. The highest fire retardant grade can reach A2(GB) grade, and the best environmental protection can reach El (GB) grade

SPECIFICATION



- Width: 600mm | 1200mm | 1220mm
- Length: 800mm | 1200mm | 2400mm | 2440mm
- Thickness: 12mm | 15 mm | 18mm
- Allowance: Width=±1mm, Length=±1mm, Thickness= ±0.2mm

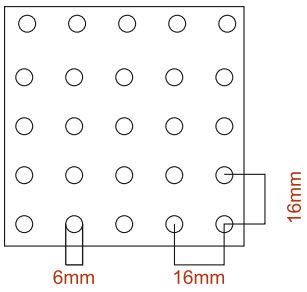
E-Shaped holes

E: 32/12 E: 32/10

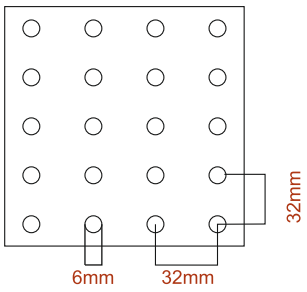
E: 16/8 E: 16/6

E: 16/4 E: 16/3

E: 5/1.5



E- Pattern:16-16-6



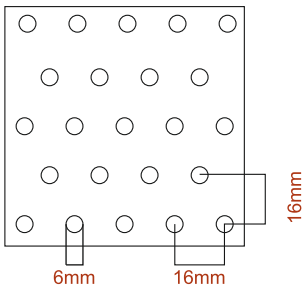
E - Pattern:32-32-6

V-Shaped holes

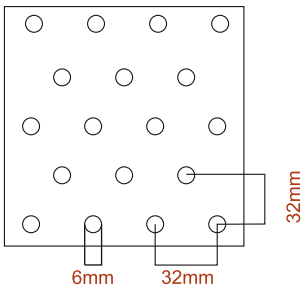
V: 32/12 V: 32/10

V: 16/8 V: 16/6

V: 16/4



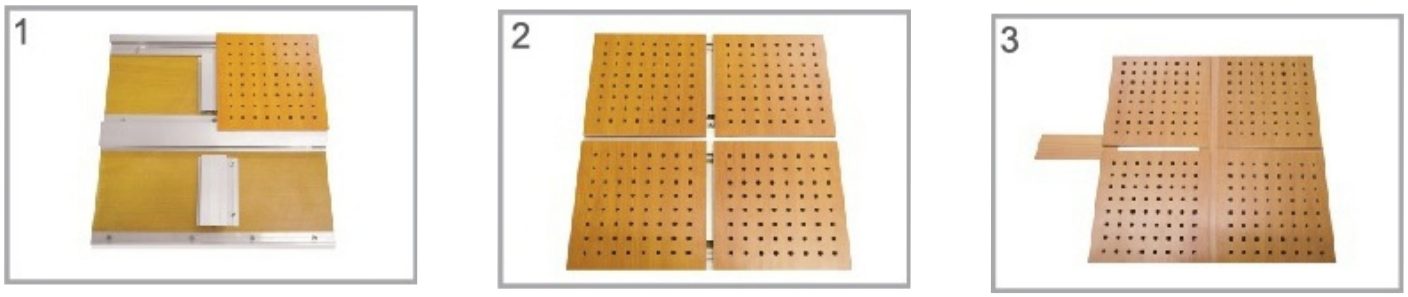
V - Pattern:16-16-6

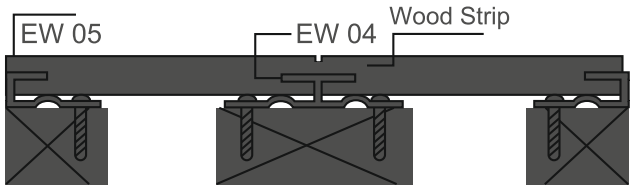


V- Pattern:32-32-6

INSTALLATION

Installation System I (with gap)

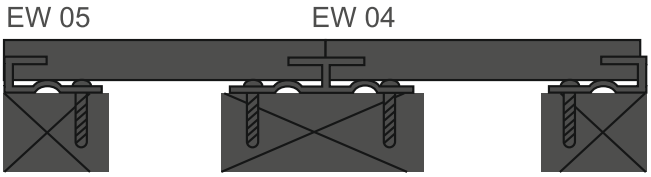




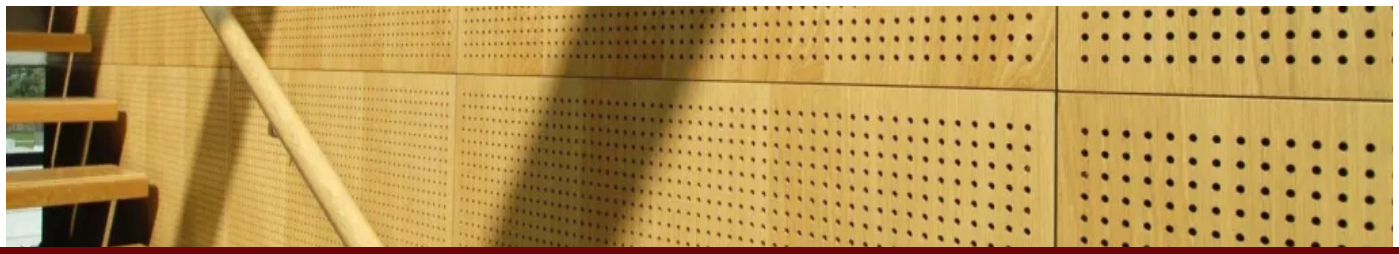
Cross-section Structure

Installation System II (without gap)





Cross-section Structure



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ECOWOOD

Micro-Perforated Acoustical Panels

Tranquil Ecowood Micro Perforated Panel is a new generation product which merges great acoustics and up to date design. These panels can be used for both wall linings and ceilings planking. There are two types of perforations available with 0.5mm and 1mm holes. Perforated surface panel with 0.5mm holes is 6% whereas for the panel with 1mm is 9%. Good acoustics properties are guaranteed surface are almost invisible and the panel looks like a homogeneous veneer without holes. This makes it a perfect surface as an acoustic element and at the same visually comfort component, making it a right choice for public spaces and private house interiors.

SPECIFICATION

- Perforation: 0.5mm & 1.00mm
- MDF: Fire Rated or Moisture Resistant MDF
- Surface Finishing: Veneer, HPL, Colored
- Thickness: 16mm & Custom
- Sizes: 600*600,1200*600, 1200*1200
- Installation: Aluminium Profile System of Ecowood Tiles.

0.5 mm Micro Perforation

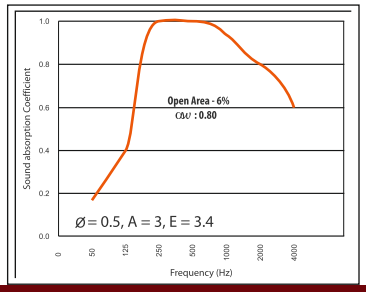


1.0 mm Micro Perforation



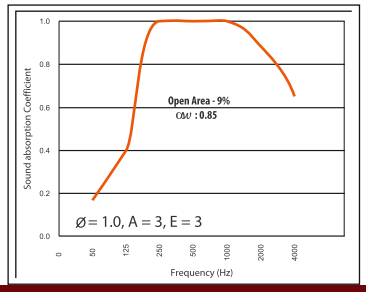


Eco Prima 0.5





Eco Prima 1.0



COLOR PATTERNS


TREW 015 Bliss Walnut


TREW 025 Brazilian Cherry


TREW 019 Tuscany Walnut


TREW 042 Plateau Teak


TREW 028 Portland Oak


TREW 045 Dark Oak

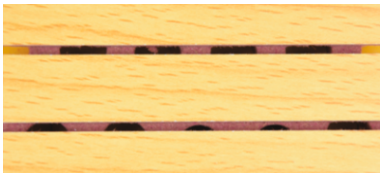

TREW 046 Atlas Cherry


TREW 048 Beech


TREW 028 Porland Oak


TREW 007 Oak White

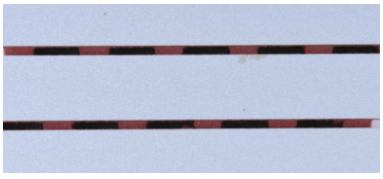

TREW 101 Bright White


TREW 011 Light Cherry

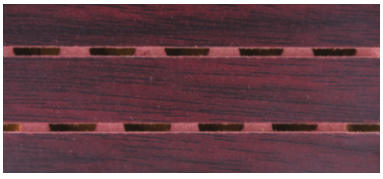

TREW 012 Frosty Grey


TREW 014 Arctic White


TREW 020 Maple


TREW 026 Silver Grey


TREW 027 Coqnac


TREW 035 Brazilian Cherry





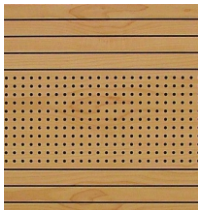
**The product color may vary due to photographic lighting sources.*

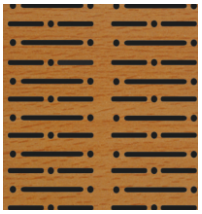
ECOWOOD

Wooden Panel Acoustical Systems

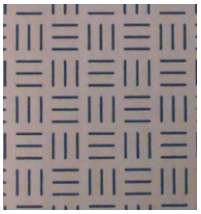
DESIGN PATTERNS

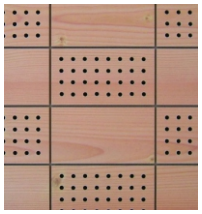
CUSTOM DESIGNS


CS 1001


CS 1002

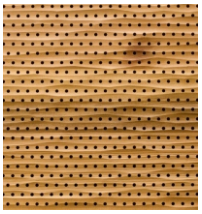

CS 1003


CS 1004


CS 1005


CS 1006


CS 1007


CS 1008


CS 1009


CS 1010


CS 1011


CS 1012

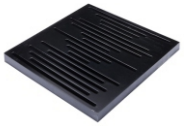

CS 1013


CS 10014


S56D Slots

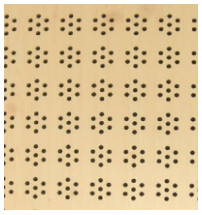

S56 Slots


S32 Square


SI100 Slots Offset

PERFORMATED


P616D Holes


Pf3 Holes


P616 Holes


P416 Holes


P816 Holes


P932 Holes







DIFFUSERS

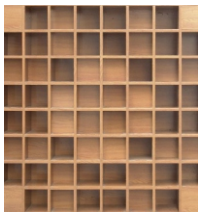

1D Diffuser

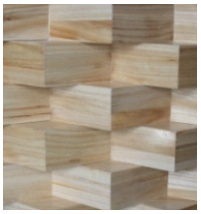

2D Fiffuser


3D Pyramid Diffuser


Diffuser 36


Diffuser 101


Diffuser 104


Diffuser-J10


Difuser 6020


Diffuser-DF-30


Diffuser 105


Diffuser 106


Diffuser-6T


Pyramid


Radius

LINEAR


Grooves 168


Grooves 324


Grooves 816

ECOWOOD

Wooden Panel Acoustical Systems

APPLICATIONS









ECOWOOD *Slatted Wooden Acoustic Panels*

INTRODUCTION

Tranquil Slatted Wooden Acoustic Panels are high-performance, eco-friendly acoustic panels made from sustainably harvested, environmental friendly materials. Each panel is handcrafted, which not only adds to the visual sense of decoration but also creates a quieter and more comfortable environment. These are slender pieces of wood with spaces between them that bring the beauty of nature to your space, elevating it. The Slatted Wooden Panels are fashionable do-it-yourself (DIY) wall panels made of medium-density fbre board (MDF) that can be easily mounted on a wall to add texture and elegance to the space. These panels are fie resistant, have a wwood finish, and e extremely sound absorbing. Concert halls, conference rooms, reception backdrops, hotel lobbies, corridors, residences, meeting rooms, recording stations, studios, schools, shopping malls, and offices are just a few examples of where it can be used.

PRODUCT ADVANTAGES

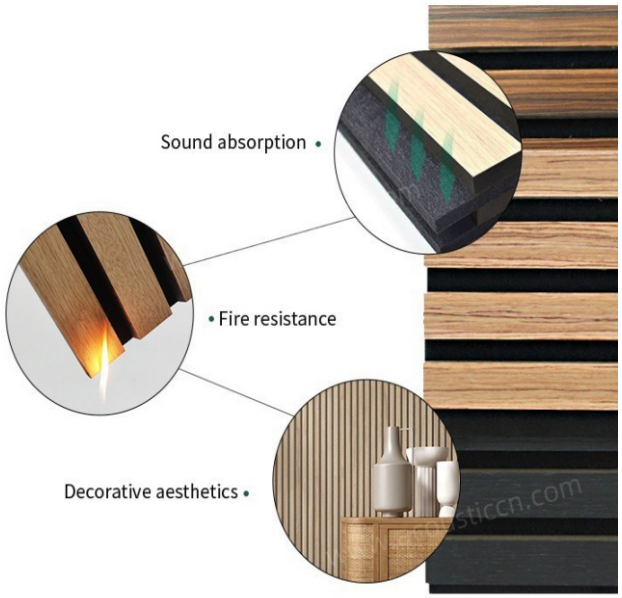
- Stable product quality and zero complaints.
- Standard products, available for stock.
- Functional products with sound absorption, strong decorative.
- Wide range of applications: suitable for both house and industry decoration.
- Applicable website sales and distributor channel sales

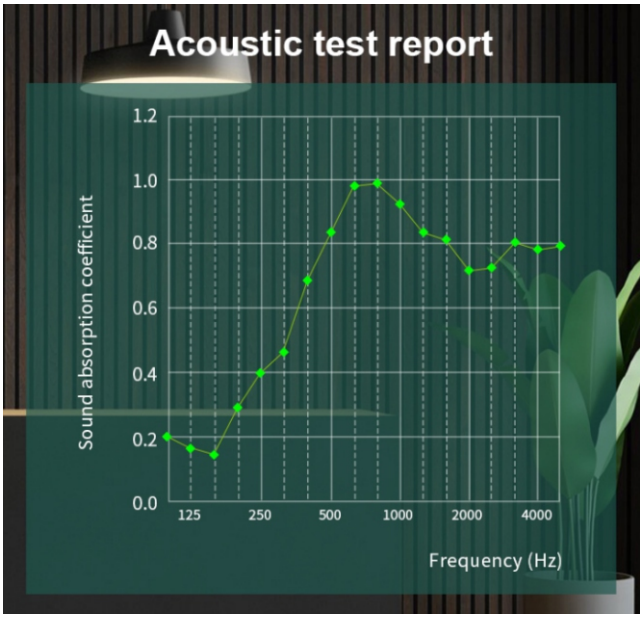


SPECIFICATION

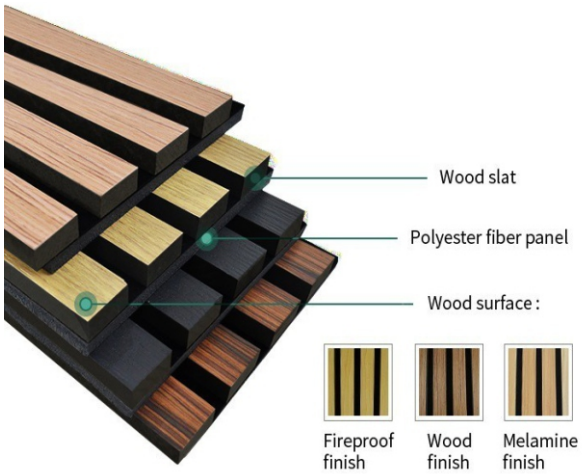
- Size: 2400x400x21mm / 2400x160x21mm / 2400x600x21mm
- Weight: About 8.5kgs/M^2
- Fire Rating: Class B
- Material: 100% Polyester fiber acoustic panel +E0,E1,E2 grade HDF wood slat/ solid wood
- Wood Surface: Any wood venner / HPL board / any melamine color
- Application: Hotel lobby, Corridor, Room decoration, Residences conference hall, Recording rooms, etc

FUNCTION DISPLAY



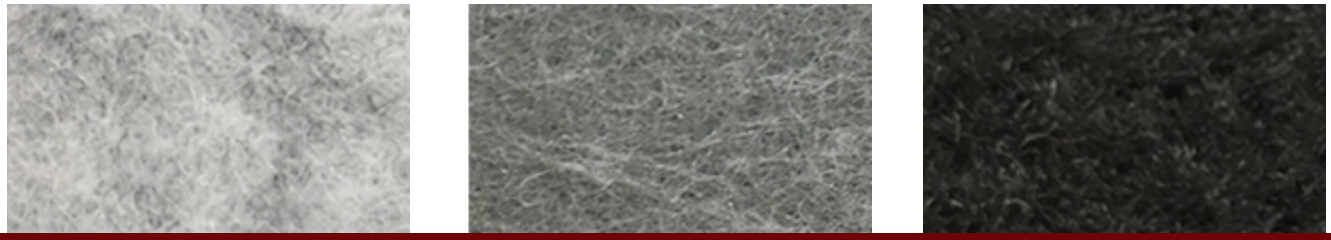


MATERIAL ANALYSIS



COLOR CHART

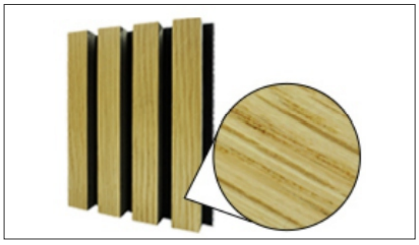
Polyester Color Swatches



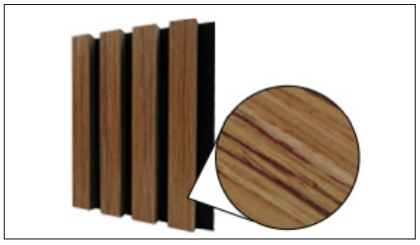
ECOWOOD

Slatted Wooden Acoustic Panels

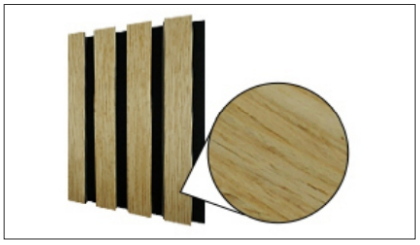
WOOD FINISH



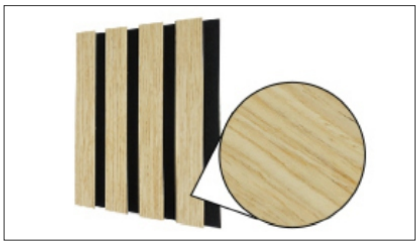
TRES-01



TRES-02



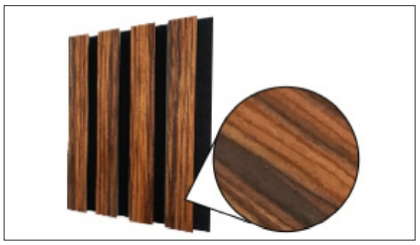
TRES-03



TRES-04

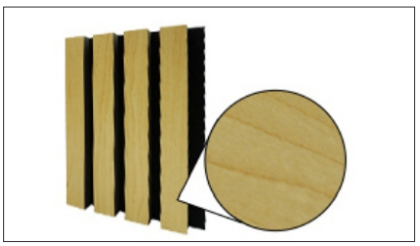


TRES-05

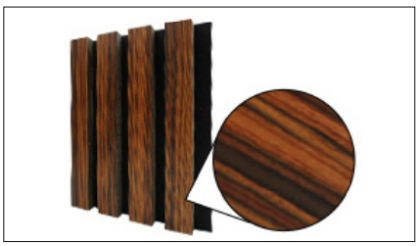


TRES-06

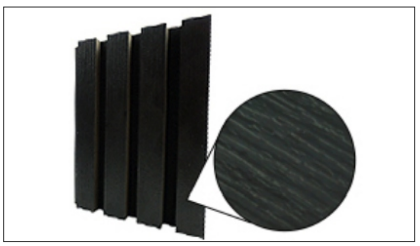
Fireproof Finish



TRES-07

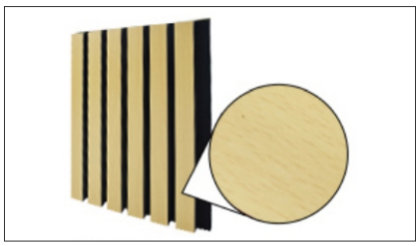


TRES-08

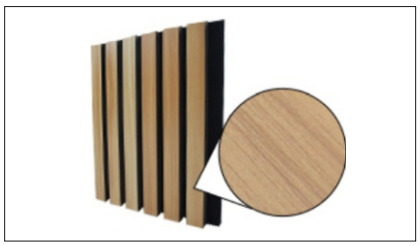


TRES-09

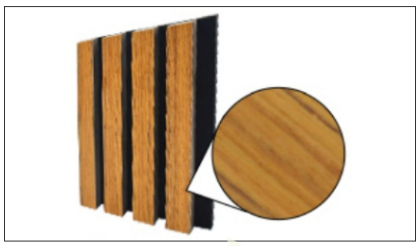
Melamine Finish



TRES-10



TRES-11

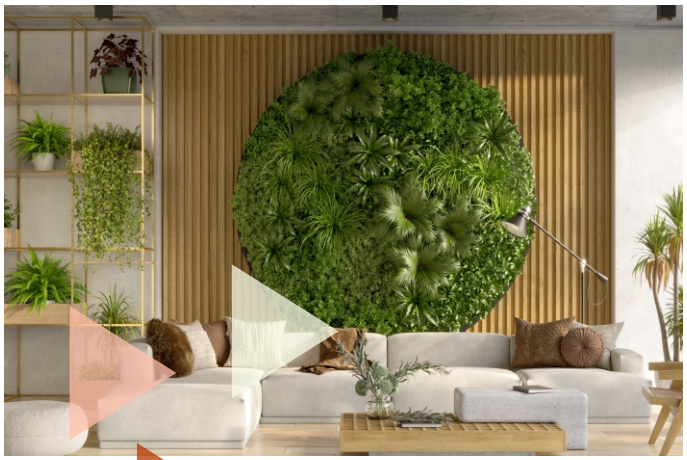


TRES-12

APPLICATIONS









TRANQUIL®

WOODLINE

Woodwool Acoustical Panels



Tranquil WOODLINE Acoustic Panels are a high-performance, eco-friendly acoustic panels.

These panels which are made of composed wood fibre, are exceptionally heat resistant and provide excellent noise reduction.

As a result, it is commonly used for acoustic treatment in areas such as walls and ceilings.

The eco-friendly wood-fiber panels not only add aesthetic flair to a space, but they also minimise echo and reverberation by absorbing sound.

The panels have the potential to improve the appearance and acoustics of any interior

WOODLINE *Woodwool Acoustical Panels*

MODEL DESCRIPTION



- The wood wool acoustic board has many outstanding features, like environmental friendly, fire retardant, sound absorbing.
- It is easy to cut, and can be colored in various colors.
- Silky texture on the surface, giving a raw and rough feeling, after installing can make the acoustic environment more close to nature.
- Fire Retardant: B1(B-s 1, d0)
- Environmental Performance: E1, can be directly applied in indoor decoration.
- Dimensions

Width (mm)	600/1200/1220
Length (mm)	600/1200/2400/2440 or customized
Thickness (mm)	12/15/25/35/50
Weight (KG/m^3)	300-330

BASIC MATERIALS



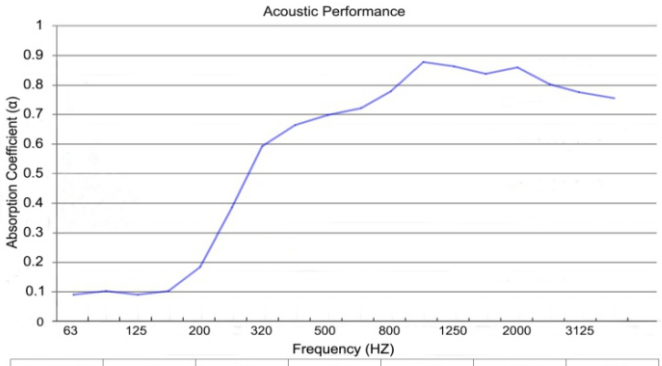


Ultrafine structure, 1.0 mm

- Base Material: Birch wood and Poplar wood
- Density: 300-330Kg/m3 or customized
- Finish: Customized color

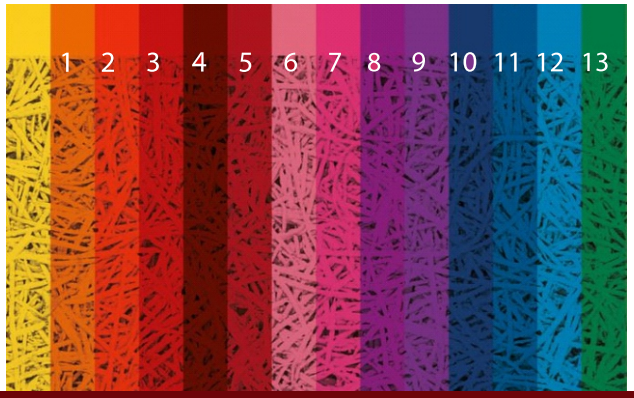
ACOUSTIC PERFORMANCE

- **TEST CONDITION**
- 15mm wood wool acoustic panel
- Filled with 50mm 24kg/m3 acoustic cotton
- 50mm Space



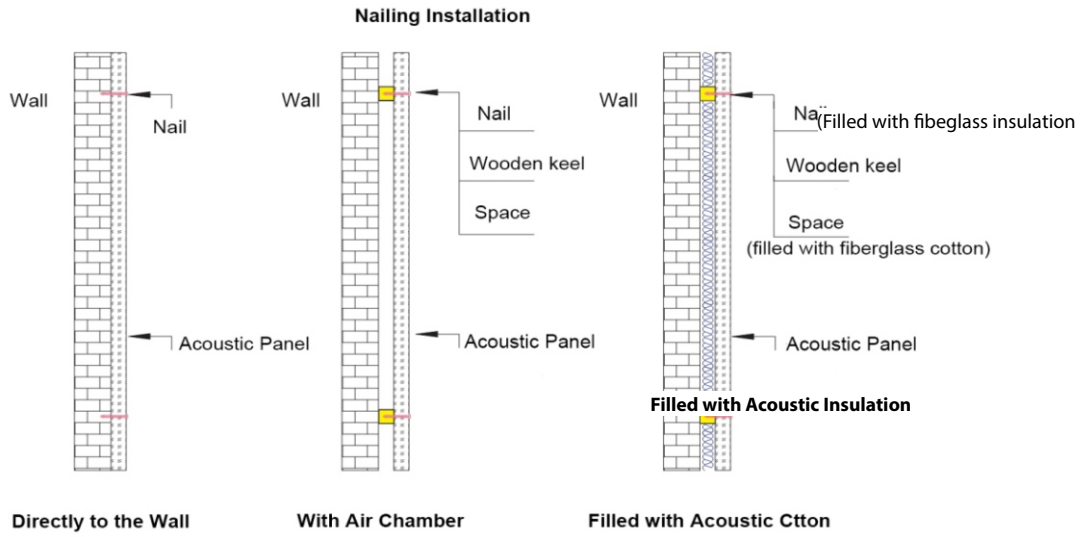
Frequency(Hz)	63	200	500	1250	3125	NCR
α	0.12	0.49	0.8	0.51	0.55	0.65

COLOR CHART



WOODLINE *Woodwool Acoustical Panels*

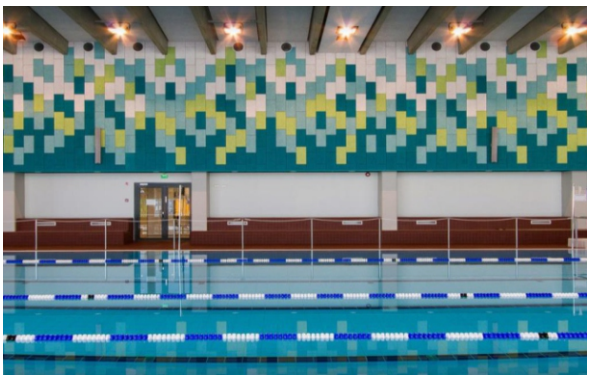
INSTALLATION OF WOOD WOOL ACOUSTIC PANEL

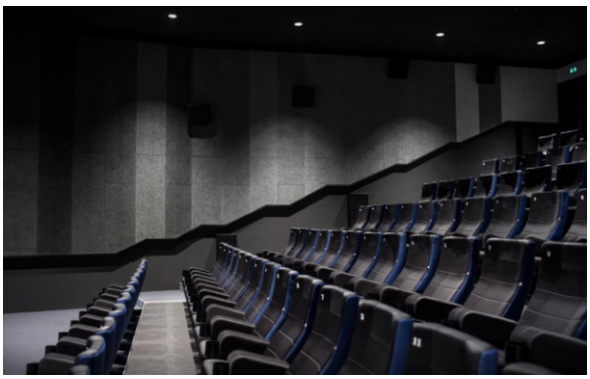


PROJECT CASES

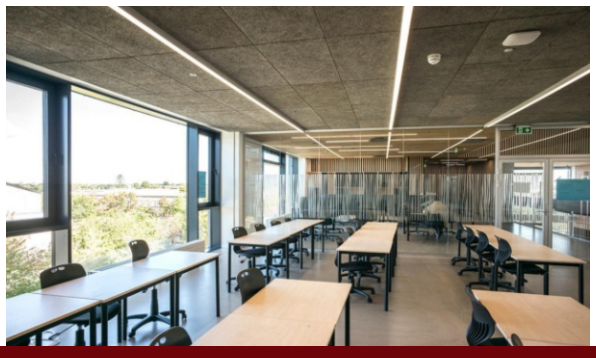
Application Place

Swimming Pool, Restaurant, Stadium, Auditorium, Multifunction room, Meeting room, Studio and any other places for high acoustic requirements.













TRANQUIL®

3D

Acoustical Systems Panels



Tranquil 3DPanels is a range of 3D designer acoustic panels. These are one of the best design led acoustic panels which makes an area lively along with desired acoustic performance. These panels are easy to install and highly decorative. These panels come in standard sizes and standard design with an option of almost 24 different colors. The designs provided can be customized depending on requirement. The panels are highly versatile and can be combined with other acoustic materials in different ways to meet the needs of almost any room or environment. These are one of the best panels that can be used for areas where you

3D *Acoustical Systems Panels*

FEATURES

- Excellent Aesthetic
- Excellent Sound Absorption
- Fire Rated
- Can be used with acoustic filler to enhance absorption
- Comes in Multiple Colors

3D PANEL COLORS

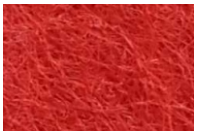

TREC 03 Greystone

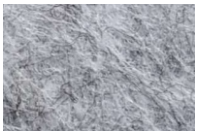

TREC 04 Camel


TREC 05 Saffron

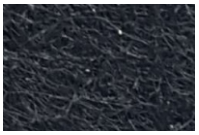

TREC 06 Mink


TREC 07 Arctic White

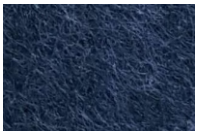

TREC 08 Fiery Red

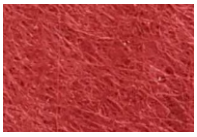

TREC 11 Silver Grey

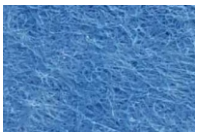

TREC 12 Pearl


TREC 13 Black


TREC 17 Dark Green

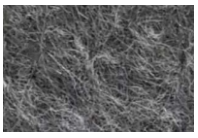

TREC 19 Indigo

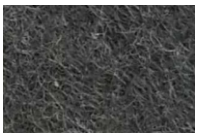

TREC 24 Cherry


TREC 30 Light Purple


TREC 25 China Sea


TREC 32 Light Brown


TREC 36 Moonlight Grey


TREC 37 Gungrey


TREC 39 Coffee

SPECIFICATIONS

Size(standard)	600*600*74mm / 500*500*60mm
Surface Finish	Matt
Weight	0.45-0.65 kg /piece
Indoor/Outdoor	Indoor only
Fire Rating	Euro class B and ASTM E84-08
Refinish able	No
Care Instructions	Remove spills immediately using damp & clean cloth. Carpet & Fabric Cleaners can be used. Always test a sample before applying on total surface.
ENV Information	Oeko-Tex 100 acquired
Flame Spread	25
Smoke Density	300
Fire Class	A

Dimensions Chart:

CODE	SIZE	THICKNESS
A	250 x 250 mm	60 mm
B	500 x 500 mm	60 mm
C	Custom size	Custom
E	600 x 600 mm	75 mm
K	500 x 500 mm	30 mm

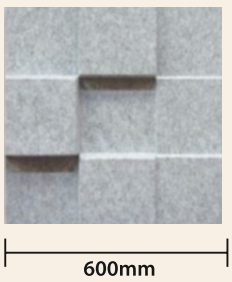
3D PANEL TILES

High Waves
017E





Square 3D
015E



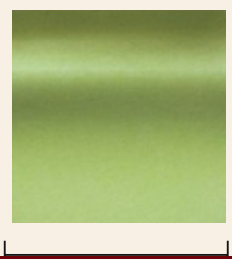


Light 018E





Arc 004B



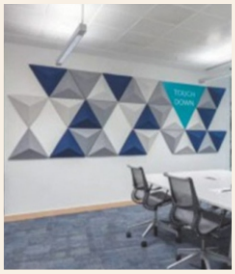


3D *Acoustical Systems Panels*

3D PANEL TILES

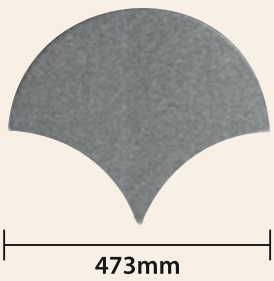
Cone 34C





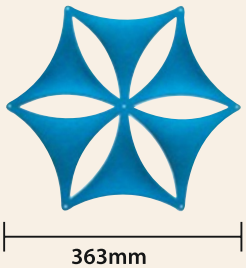


Fin 032C





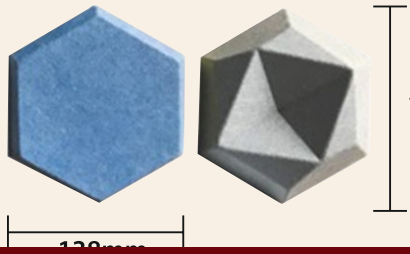
Hexagon 35C

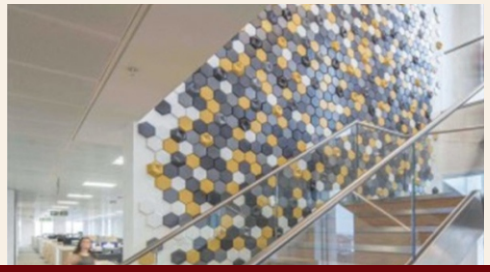






Hex Whirl 033C





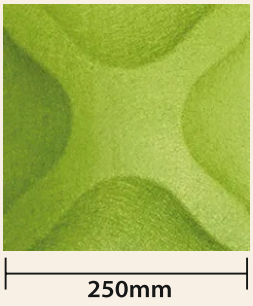
3D PANEL TILES

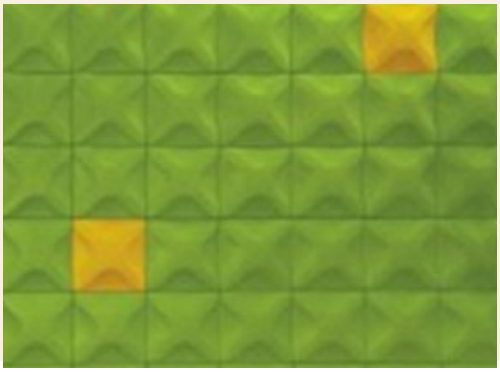
Ball 025A





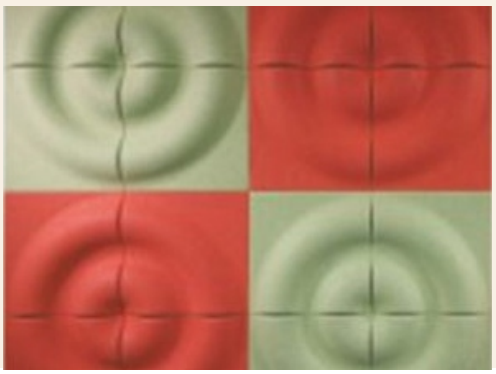
Floral 023A





Spiral 029E





Cube 022A

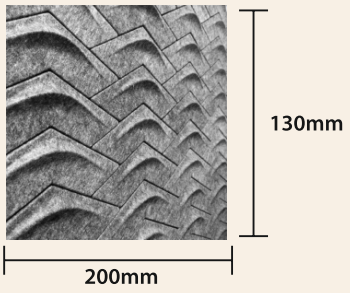




3D *Acoustical Systems Panels*

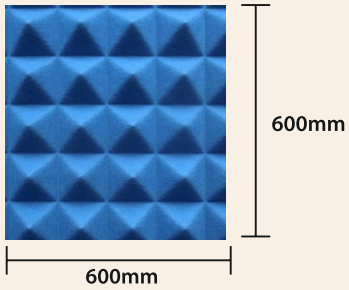
3D PANEL TILES

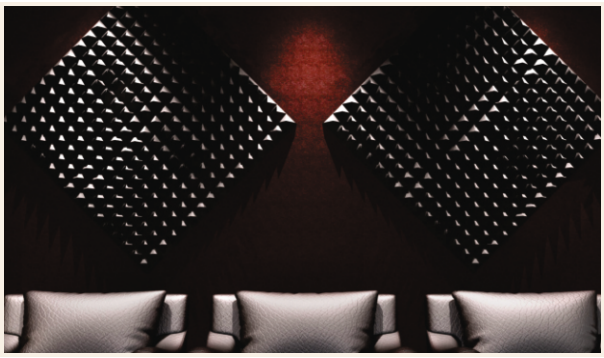
Boomer
031C



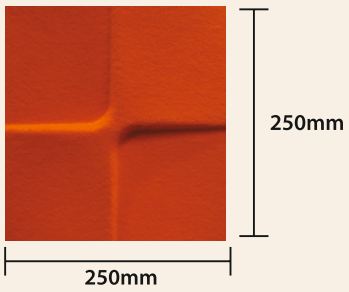


Pyramid 061E



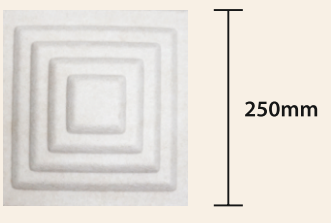


Hour Glass
026A





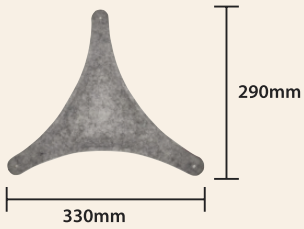
Square Whirl
024A



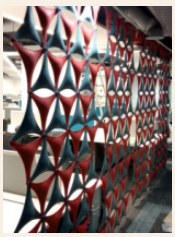


MORE DESIGNS

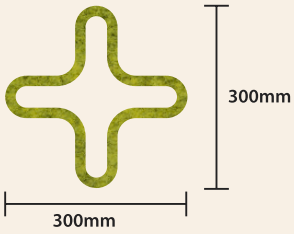
Triangle



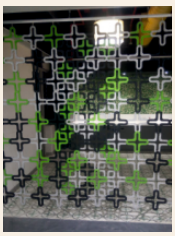


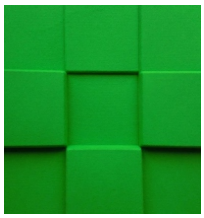


Plus





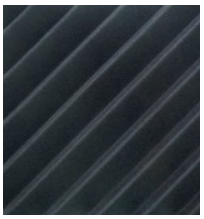




Square 3D 011E



Twig 006B



Oblique 005B



Leaves 009E



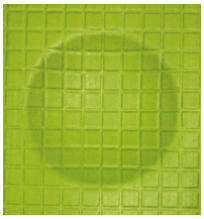
Arc Diagonal 003B



Wave 010E



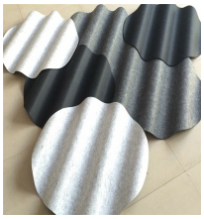
Board 001A



Cupoid 027E



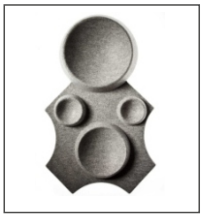
Rock 024K



Chip 030C



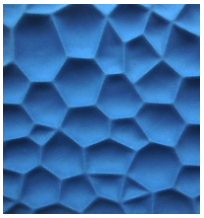
Mountain 021A



Crater 007C



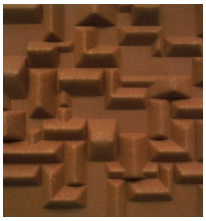
Weave 002A



Seashell 013E



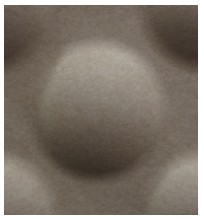
Code 014E



Shadow 015E



Pan 028E



Spheres 028E

3D *Acoustical Systems Panels*

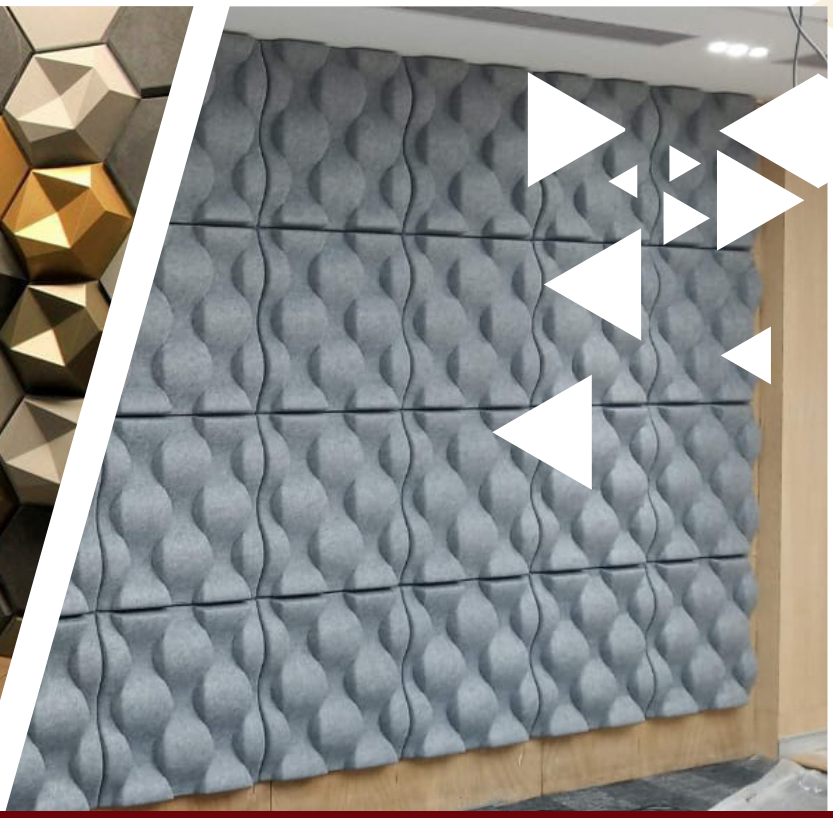
APPLICATIONS



Crafted Product | **Acoustical-Tranquil 3D**

Client | **Chegg, New Delhi**







Crafted Product | **Acoustical-Tranquil 3D**

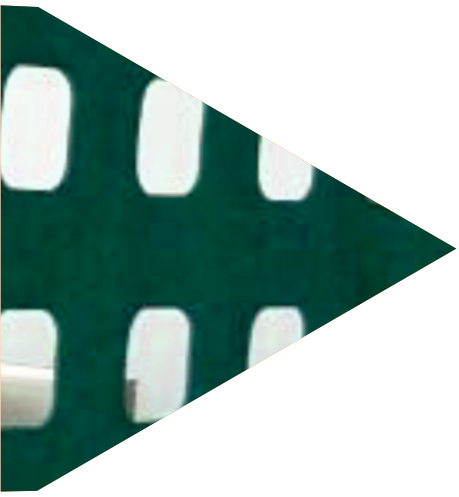
Client | **SAP, Bangalore**



TRANQUIL®

FILZ

Woollen Acoustical Systems Panels



FILZ

Woollen Acoustical Systems Panels

Clouds
Baffles
Hanging Panels

A product with World-class versatility and variety, Tranquil FILZ carries 100% Wool Panels in almost 63 colors and five thicknesses. Using wool ensures durability, dye ability, resistance to flame and compression, and thermal and sound insulation. The material is 100% bio degradable and rapidly renewable thus guaranteeing environmental

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FILZ *Woollen Acoustical Systems Panels*

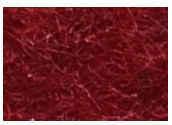
CHARACTERISTICS THAT INCLUDE:

The FILZ is non-directional, has no right side or wrong side, and the color is consistent throughout.

- The width can be up to 180 cm (70 3/4 in)
- Highly saturated colors that are lightfast
- Naturally repels soiling and moisture
- Since it's a non-woven, it can be cut with the edges left raw. No fraying!
- The thickness and density also give it a structural quality that allow for hanging
- Installations that do not require any additional support
- Self-extinguishing and inherently flame retardant
- Thermal and acoustic insulating properties
- Eco-friendly

FILZ COLORS

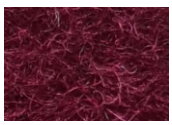
MELANGE COLORS


102 Kirche


105 Rost

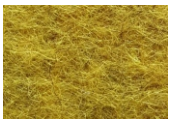

116 Orange

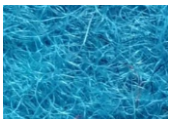

125 Tomate


136 Weinrot


156 Loden


203 Vanille

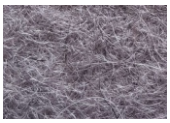

274 Senf


312 Lagune

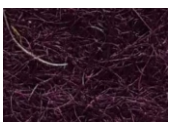

319 Café

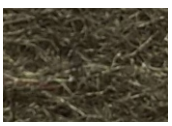

331 Sahara

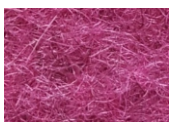

385 Schlamm


408 Taupe

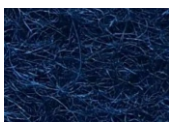

415 Schlif

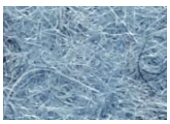

437 Aubergine

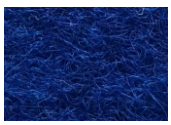

448 Moos


503 Magnolie


534 Rose

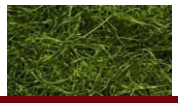

540 Ozean


613 Gletscher


626 Azur







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NATURAL COLORS


100 Wollweib


110 Rohweib


150 Weib


160 Beige

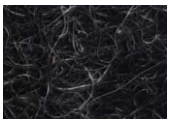

170 Asche


175 Graphite


200 Natur

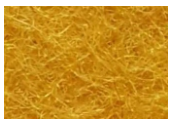

220 Rahbraun

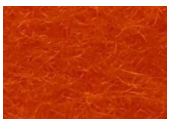

250 Truffelbraun

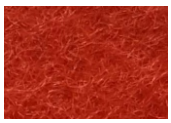

300 Anthrzit

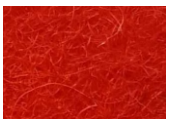
UNI COLORS

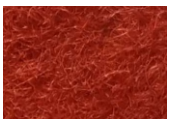

124 Gelb

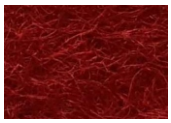

131 Honig

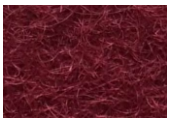

151 Hellorange

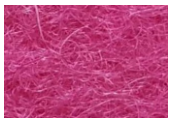

173 Mango

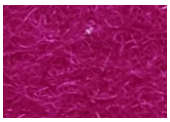

179 Hellrot

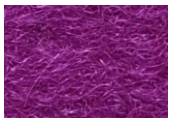

180 Terracotta

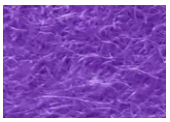

201 Rot


209 Bordeaux

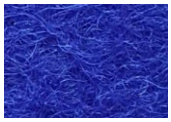

231 Rosa

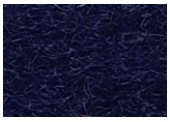

242 Pink

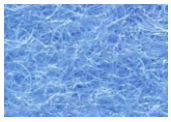

255 Flieder

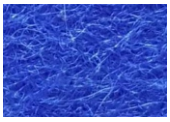

265 Lavendel

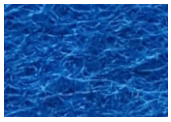

269 Violett


272 Royal

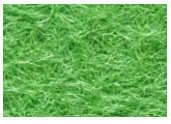

282 D'Blau


284 Himmel


286 H'Blau


308 Petrol

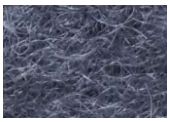

343 D'Grun


377 Maigrun


378 Oliv

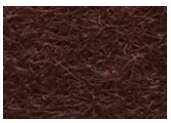

384 Lind

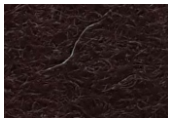

423 Hellgrau

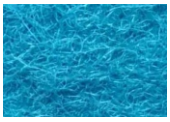

425 Taubengrau

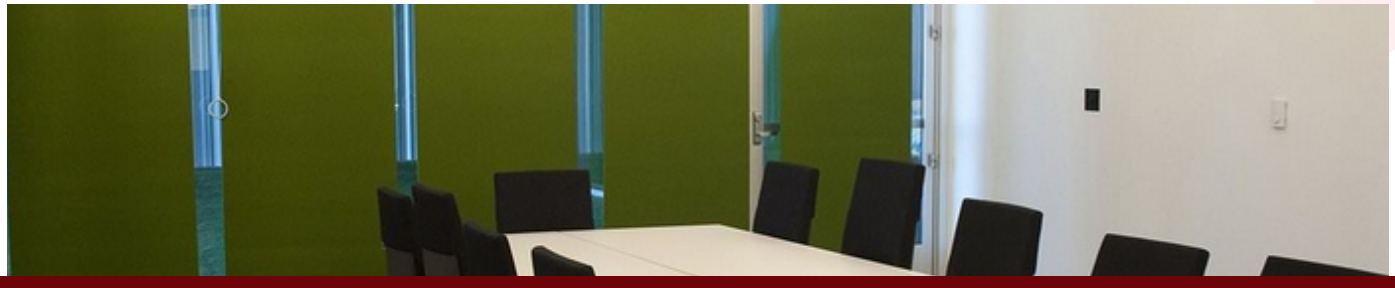

426 Schwarz


467 Sand


476 Schoko


497 D'Braun


548 Turkis

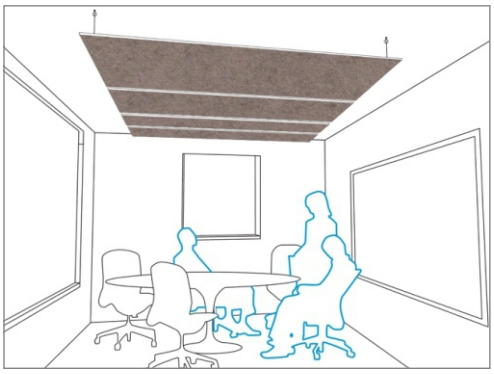


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FILZ *Woollen Acoustical Systems Panels*

TRANQUIL FILZ CLOUDS

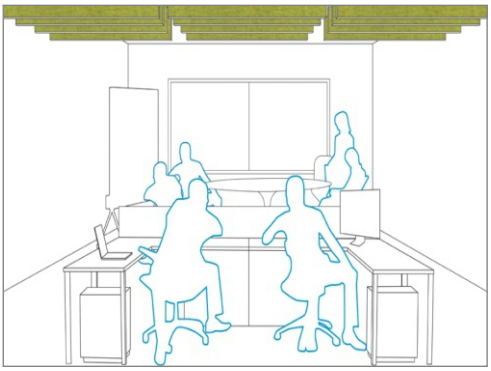
- TRANQUIL FILZ CLOUDS is a collection of acoustic solutions that effectively (and beautifully) abate sound reverberation.
- Available in almost 63 colors of 3mm Wool Design Filz or 33 colors of 2mm Wool Design Filz.
- TRANQUIL FILZ CLOUDS is suspended with standard suspension hardware that allows for easy installation.



- Thickness: 28mm and 31mm
- NRC: 0.75

TRANQUIL FILZ BAFFLE

- Tranquil Filz Baffle is a suspended panel oriented perpendicular to the ceiling to optimize sound absorption.
- This smart acoustic solution creates subtle patterning across the ceiling in 63 colors and provides almost 1.00 Noise.



- Thickness: 28mm and 31mm
- NRC: 0.75

PANNELLO PARAVENT

- Pannello Paravent beautifully answers the need for temporary privacy in an open space. This panel creates an informal division at a moments notice then can be folded flat to store with a minimal footprint.
- Designed for use as a movable room partition, each panel stands on two legs and can be minimized or enlarged at the user's discretion.
- Offered in three components, left and right linking and two standard widths, this screen is available in 63 colors of 3mm Wool Design Filz



HANGING PANELS

- Sweeping movement across multiple panels, which is created from horizontally transforming parallelograms.
- The panels define space, control light and view, and provide varied degrees of privacy.
- Available in 43 colors of 5mm Wool Design Filz, these hanging panels are compatible with Hanging Panel Track System.
- Since Wool Design Filz is a non-woven textile, intricate cut-out patterning can be achieved without the need for finishing the edges.
- This enables a modern screening system created simply by cutting away material and cannot be achieved with any other natural material.





TRANQUIL®

APS

Glass Wool Insulation



APS

Glass Wool Insulation

- APS-Glass Wool Insulation
- Glass Wool Blanket
- Semi-Rigid Wool Board
- Formaldehyde Free Glass Wool
- HVAC System Insulation
- Glass Wool Duct Warp

Insulated house protects your building against hot weather conditions, so you use less air conditioning and save on electricity bills. Additionally, Tranquil APS insulation, provides excellent fire protection and noise reduction, ultimately improving your safety and comfort

SAVE YOUR BILL. SAVE OUR EARTH

In terms of energy efficiency, investing in high levels of insulation materials for your space is more cost-effective than investing in expensive heating technologies. It is worth taking the time to choose the

APS *Glass Wool Insulation*

GLASS WOOL BLANKET





AVAILABLE FORMS
Flexible Blanket and Roll

FEATURES AND BENEFITS

- Improves the energy efficiency of the building
- Reduces transfer of external noise to the interior.
- Absorbs reverberating sounds within the building
- Provides thermal efficiency
- Keeps the building warmer in winter and cooler in summer

APPLICATIONS

Metal Building Insulation glass wool blanket is designed for usage under any roof system supported on purlins of metal or fibrous claddings for thermal & sound control within the building. The blanket can also be used as additional insulation to fill voids in walls and roofs of metal buildings.

AVAILABLE SIZE

Product Code	Density	Thickness	Width	Conductivity	R-Value	Packing	PKG/40'HQ
	(kg/m3)	(mm)	(mm)	(W/m•K)	(m^2•K/W)	(pcs/PKG)	(No#)
TR BIR 1250	12	50	1200	0.039	1.20	1	Loading Qty, Please consult
TR BIR 1275	12	75	1200	0.039	1.90	1	
TR BIR 12100	12	100	1200	0.039	2.50	1	
TR BIR 12150	12	150	1200	0.039	3.80	1	
TR BIR 12200	12	200	1200	0.039	5.00	1	
TR BIR 1650	16	50	1200	0.038	1.30	1	
TR BIR 1675	16	75	1200	0.038	1.90	1	
TR BIR 16100	16	100	1200	0.038	2.60	1	
TR BIR 2450	24	50	1200	0.035	1.40	1	
TR BIR 2475	24	75	1200	0.035	2.10	1	

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SEMI-RIGID GLASS WOOL BOARD



PRODUCT INFORMATION

Tranquil APS semi-rigid board is designed for applications where high thermal and acoustic insulation performance is required in minimal thickness. Tranquil APS semi-Rigid is available with a range of functional and decorative facing materials to complement its base material performance properties. Typically used as an internal lining for air conditioning duct work, the medium density of Semi-Rigid is available in a broad range of thicknesses that meet the performance requirements.



SOUND ABSORPTION

Thickness(mm)	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
25	0.04	0.27	0.71	0.96	1.03	0.99	0.75
30	0.07	0.35	0.85	1.03	1.06	1.00	0.88
50	0.14	0.81	1.10	1.07	1.03	1.01	1.00

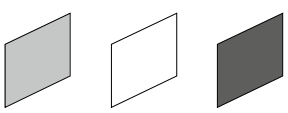
FEATURES AND BENEFITS

- Excellent thermal and acoustic properties
- Easy to fasten
- Made to size to reduce wastage
- Excellent mechanical performance
- Available in various densities to meet specific

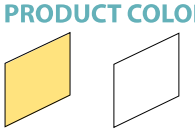
APPLICATIONS

Typically used as an internal lining for air conditioning duct work

FACING COLOR



PRODUCT COLOR



APS *Glass Wool Insulation*

FORMALDEHYDE-FREE GLASS WOOL







PRODUCT INFORMATION

Tranquil APS HVAC glass wool duct wrap is a lightweight, highly resilient, blanket-type, thermal and acoustical insulation made from glass fiber bonded with a thermosetting phenolic resin. Our duct wrap solutions offer a wide range of benefits to fit your requirements and needs. They Help air duct system maintain a consistent air temperature, reduce condensation and absorb draft and system operation noise for improved duct system efficiency.

SOUND ABSORPTION

Thickness(mm)	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
25	0.08	0.31	0.64	0.84	0.97	1.03	0.70
40	0.10	0.47	0.85	1.01	1.02	0.10	0.85
50	0.25	0.66	1.00	1.02	1.02	1.01	0.95
75	0.47	0.96	1.17	1.10	1.02	1.05	1.05

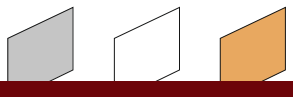
FEATURES AND BENEFITS

- Water-based, formaldehyde-free binder technology
- Excellent thermal and acoustic properties
- Excellent moisture resistance

APPLICATIONS

Residential and commercial buildings, HVAC Ductwork Insulation, and other common insulation.

FACING COLOR



PRODUCT COLOR



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HVAC SYSTEM INSULATION GLASS WOOL DUCT WRAP



PRODUCT INFORMATION

Tranquil APS HVAC glass wool duct wrap is a lightweight, highly resilient, blanket-type, thermal and acoustical insulation made from glass fibres bonded with a thermosetting phenolic resin. Our duct wrap solutions offer a wide range of benefits to fit your requirements and needs. They help air duct system maintain a consistent air temperature, reduce condensation and absorb draft and system operation noise for improved duct system efficiency

SOUND ABSORPTION

Thickness(mm)

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
25	0.08	0.31	0.64	0.84	0.97	1.03	**0.70**
40	0.10	0.47	0.85	1.01	1.02	0.10	**0.85**
50	0.25	0.66	1.00	1.02	1.02	1.01	**0.95**
75	0.47	0.96	1.17	1.10	1.02	1.05	**1.05**

GLASS WOOL TUBE



PRODUCT INFORMATION

Tranquil APS glass wool tubes are unfaced or faced with aluminium foil manufactured from glass wool of high density. They are used for the thermal insulation of industrial pipes, central heating and solar energy installations, for insulation against freezing and condensation of the pipes, and for vibration and sound insulation of the pressure water pipes.

AVAILABLE FORMS: Prefabricated Rigid Tube

AVAILABLE SIZE

Pipe O/D	Tube Wall Thickness (mm)										
mm	20	25	30	35	40	50	60	70	80	90	100
21-610	•	•	•	•	•	•	•	•	•	•	•
Length	•	•	•	•	•	•	•	•	•	•	•

TRANQUIL®

Acoustical Systems

APS
ECOCORE
ECOFILZ
ECOWOOD
WOODLINE
3D
BLOCK
FILZ

APPLICATIONS

EDUCATION

- Class Rooms
- Lecture Halls
- Libraries
- Multipurpose Halls
- Gymnasiums
- Aquatic Centers
- Music Rooms
- Prayer Rooms
- Dormitories
- Corridors
- Entertainment Rooms
- Halls
- Children Play Areas



BUSINESS & CORPORATE

- Board Rooms
- Conference Rooms
- Lobbies
- Corridors
- Cabins
- Partitions
- Reception Desks
- Ceilings
- Work Stations, Etc.



RESIDENTIAL

- Small Home Offices
- Bedrooms
- Home Theatres
- Drawing Rooms
- Dining Room, etc.



HOSPITALITY

- Lobbies
- Reception Desks
- Waiting Areas
- Meeting Rooms
- Conference Halls
- Guest Rooms
- Saloons
- Dining Areas
- Party Halls, etc.



THEATRES & AUDITORIUMS

- Multiplex and
- Single Theaters
- Large Auditorium
- Marriage Halls
- Studios
- Home Theatre Systems etc.



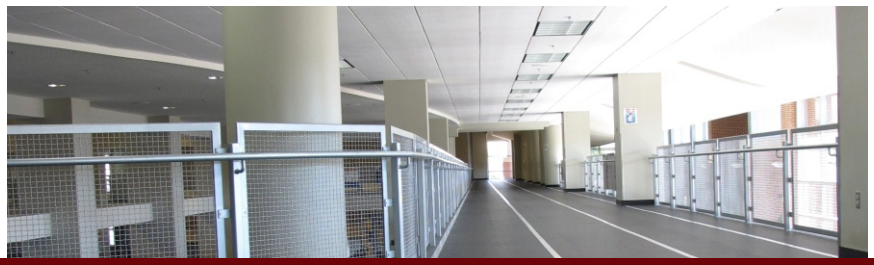
HEALTHCARE

- Patient Waiting Halls/ Rooms
- ICU
- Casualty Rooms
- Wards/ Walk Way/ Corridors
- Operation Theatres
- Reception Areas



RECREATION CLUBS & SPORTS ARENAS

- High Noise Ball Game Areas Like
- Basketball, Volleyball, etc.
- Table Tennis, Squash, Badminton,
- Bridge Rooms, Multi Sport Halls
- Swimming Pools, etc..

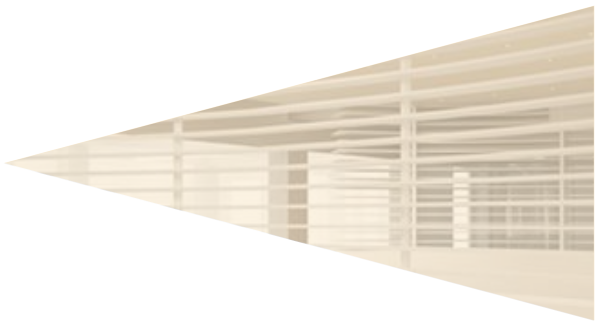


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BOSCH
Invented for life
CBRE
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Wholesale interior surface materials · Hyderabad & Secunderabad

31-7, Lalamiya Basti, RTC Colony, Tirumalgiri, Secunderabad,
Hyderabad, TS 500015

+91 98666 07766

WhatsApp · wa.me/919866607766

care.oscorp@gmail.com

omsalescorp.com

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