



TRANQUIL<sup>®</sup>

*World-class Materials for  
World-class Lifestyles*

PRODUCT  
CATALOGUE



ACOUSTICS  
SOLID SURFACE  
METAL CEILINGS & WALLS







TRANQUIL<sup>®</sup>

APS

*Compressed Fiberglass Acoustical Panels*

ECOCORE

*PET Panels Acoustical Systems*

BLOCK

*Mass Loaded Vinyl*

ECOWOOD

*Wooden Panel Acoustical Systems*

3D

*Acoustical Systems Panels*

LUSTRE

*Acoustic Metal Ceilings & Walls*

FILZ

*Woollen Acoustical Systems Panels*

Acoustic







# TRANQUIL<sup>®</sup>

## *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<sup>®</sup> APS

*Compressed Fiberglass Acoustical Panels*

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 multiple thickness for multiple applications





## 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<sup>3</sup> (+/- 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 coefficients	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 coefficients	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 coefficients	0.31	0.91	0.99	0.98	0.93	0.89	1.00	9





## FABRIC COLORS - Aster

### AMELIA

Available in  
11 colours



VAM 02 Taffy



VAM 03 Caramel



VAM 04 Amaretto



VAM 05 Snickers



VAM 06 Toffee



VAM 07 Almond Roca

### BASIX 60

Available in  
48 colours



B60130 Wheat



B60150 Wedgewood



B60153 Baltic



B60175 Crystal Blue



B60238 Grey



B60298 Medium Grey

### CATALYST

Available in  
24 colours



VCA 01 Mint



VCA 02 Pewter



VCA 03 Sierra



VCA 04 Desert



VCA 05 Storm



VCA 06 Jade

### COBBLE

Available in  
10 colours



VCB 01 Pewter



VCB 02 Dune



VCB 03 Chamois



VCB 04 Baltic



VCB 05 Terra



VCB 06 Butterscotch

### CREPE

Available in  
36 colours



ACR 101 Crimson



ACR 102 Black



ACR 103 Lunar



ACR 104 Cinnamon



ACR 105 Spice



ACR 106 Hunter

### ESSENCE

Available in  
22 colours



VES 01 Avocado



VES 02 Seaside



VES 03 Waterfront



VES 04 Barley



VES 05 Starlight



VES 06 Tabasco

### FLOATATION

Available in  
13 colours



VFL 01 Neat



VFL 02 Sour



VFL 03 Sweet



VFL 04 Liqueur



VFL 05 Bitters



VFL 06 Seltzer

### ILLUSIONS

Available in  
12 colours



VIL 01 Lake



VIL 02 Vintage



VIL 03 Starry



VIL 04 Limeade



VIL 05 Moss



VIL 06 Gravel



## FABRIC COLORS - Clover

### DIAMOND

Available in  
6 colours



DD 01



DD 02



DD 03



DD 04



DD 05



DD 06

### FESTIVAL

Available in  
46 colours



F 92



F 102



F 103



F 107



F 108



F 112

### LINEN

Available in  
11 colours



LN 01



LN 02



LN 03



LN 04



LN 05



LN 06

### MARS

Available in  
51 colours



MS 401



MS 402



MS 403



MS 404



MS 405



MS 406

## 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



PLS 028 Soledad



PLS 029 Devlin



PLS 030 Coco



PLS 031 Sunshine



PLS 032 Mascot



PLS 017 Blind Side

Available in  
50 colours

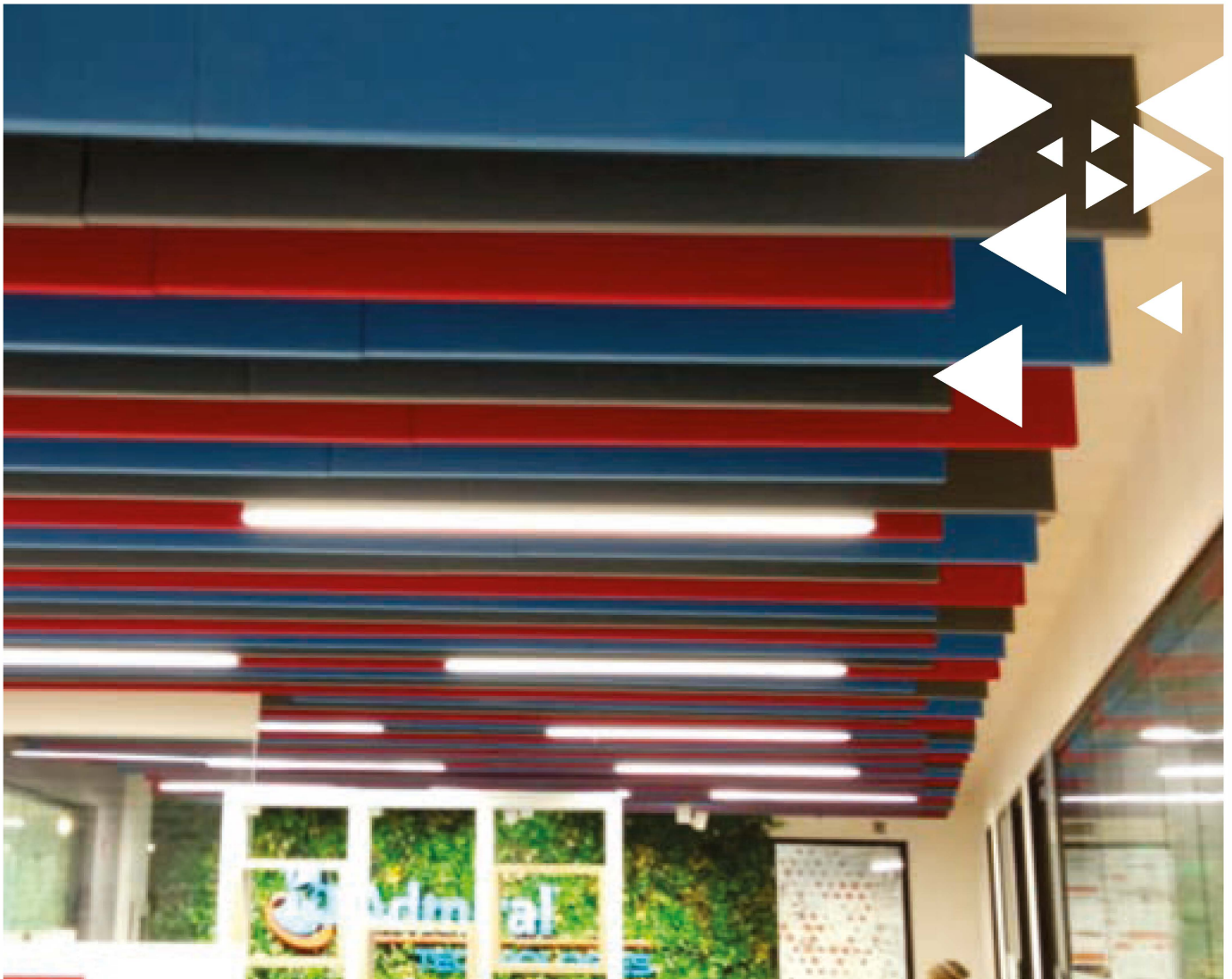


# APS *Clouds & Baffles*



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 perforated vinyl
- ▶ Density – 125 Kg/M<sup>3</sup> (+/- 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 Fibreglass Core
- ▶ Clouds Size: Maximum 2400 x 1200 mm
- ▶ Baffles Size: L- 600 to 2400 mm, H-100 to 1200 mm
- ▶ Density – 130 Kg/M<sup>3</sup> (+/- 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



Deco 101      Deco 102      Deco 103      Deco 104      Deco 105      Deco 106

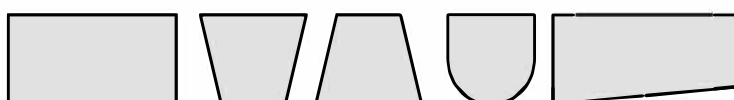


Deco 107      Deco 108      Deco 109      Deco 110      Deco 111      Deco 112

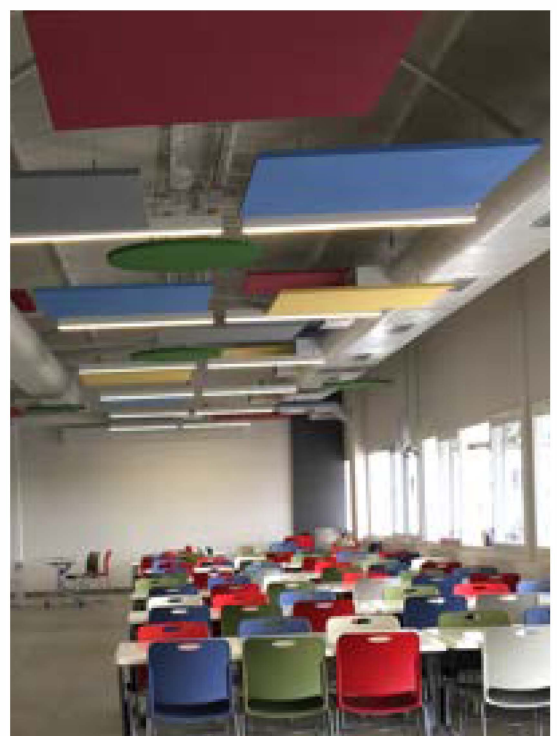
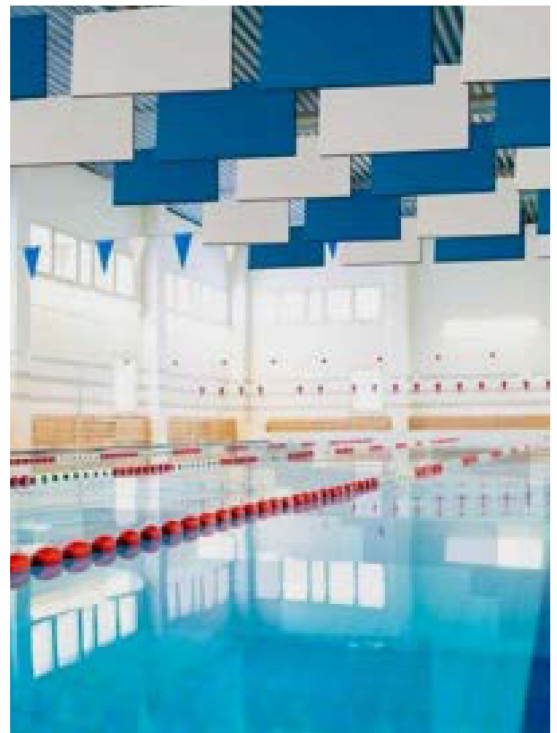


Deco 113      Deco 114      Deco 115      Deco 116      Deco 117      Deco 118      Deco 119

## BAFFLES PATTERNS



Deco 124      Deco 120      Deco 121      Deco 122      Deco 123



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.

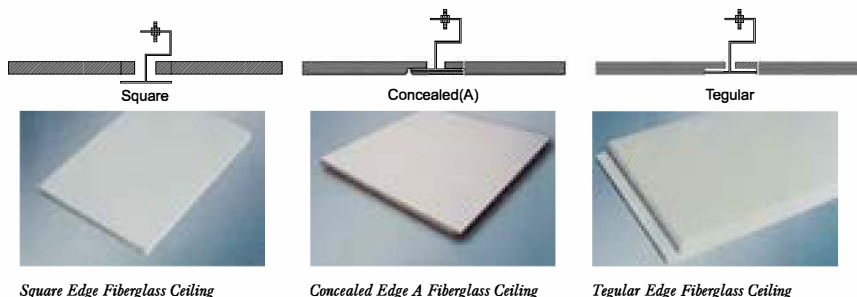
## DESCRIPTION

- ▶ Composition: Compressed high density fibreglass.
- ▶ Face: Special painting laminated with decorative fibreglass tissue
- ▶ Color: White, black and others to order
- ▶ Fire-resistant: Class A, non-combustible.
- ▶ Thermal-Resistant:  $\geq 0.4$  (m<sup>2</sup> k/w)
- ▶ Humidity: Dimensionally stable with RH up to 95% at 40°C.
- ▶ Moisture rate:  $\leq 1\%$  (JC/T670-2005)
- ▶ Environmental impact: Tiles and packing are fully recyclable.
- ▶ Safety: limit of radio nuclides in building materials, specific activity of 226 Ra:  $I_{ra} \leq 1.0$ , specific activity of 226 Ra, 232Th, 40K:  $I_{ra} \leq 1.3$

## SPECIFICATION

- ▶ Thickness: 12mm, 15mm, 20mm, 25mm
- ▶ Size: 595 x 595mm, 600 x 600mm, 600 x 1200mm.  
Customized sizes are available.
- ▶ Density: 120 Kg/ m<sup>3</sup>. Customized density are available.
- ▶ NRC = 0.85

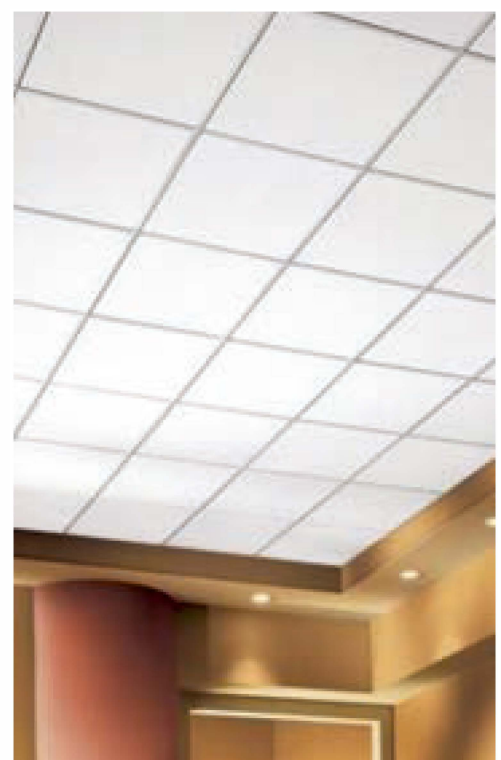
## EDGE TYPES



*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*





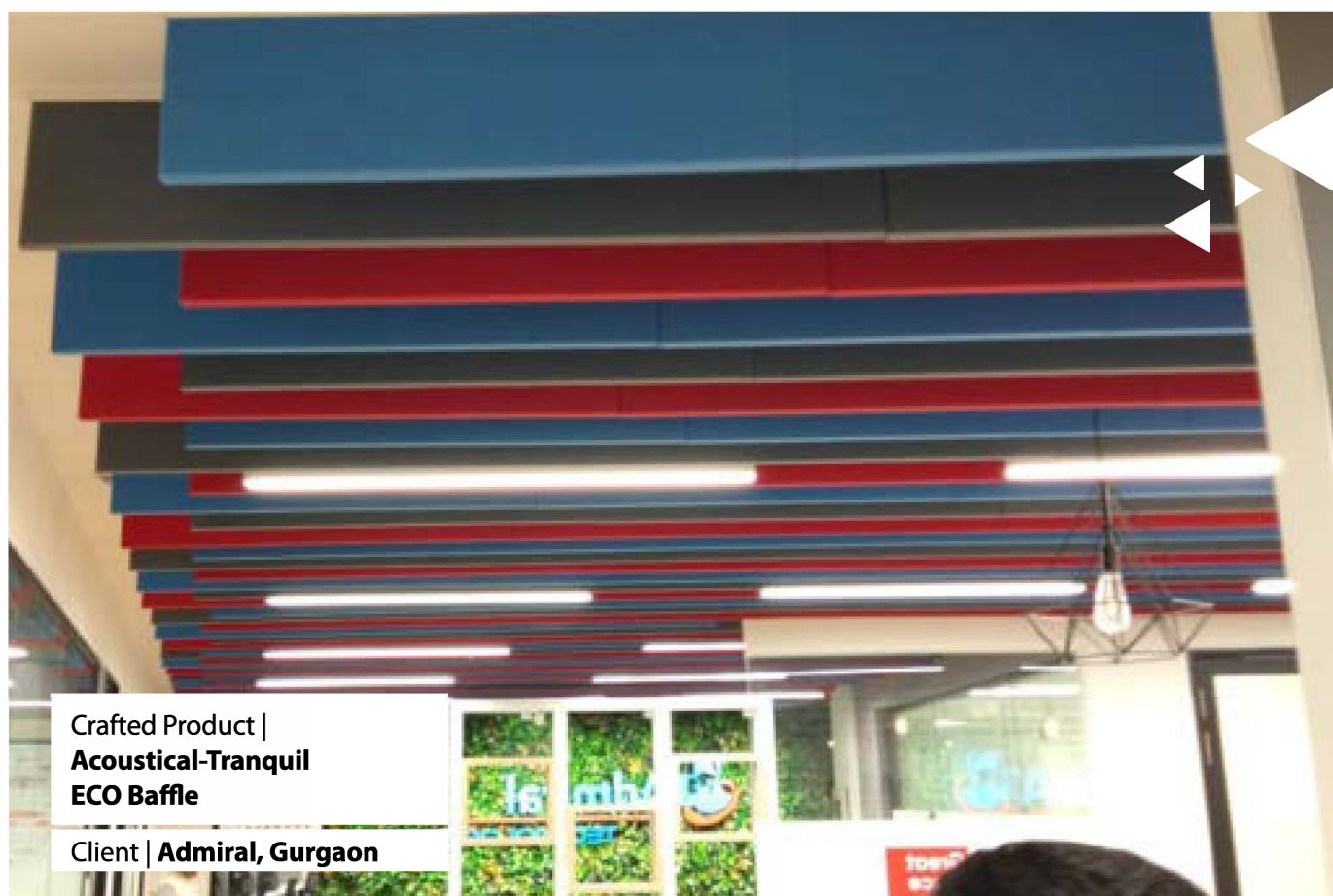
## APPLICATIONS



Crafted Product |  
**Acoustical-Tranquil**  
**APS Digital**

Client | **VM Ware, Bangalore**





Crafted Product |  
**Acoustical-Tranquil  
ECO Baffle**

Client | **Admiral, Gurgaon**

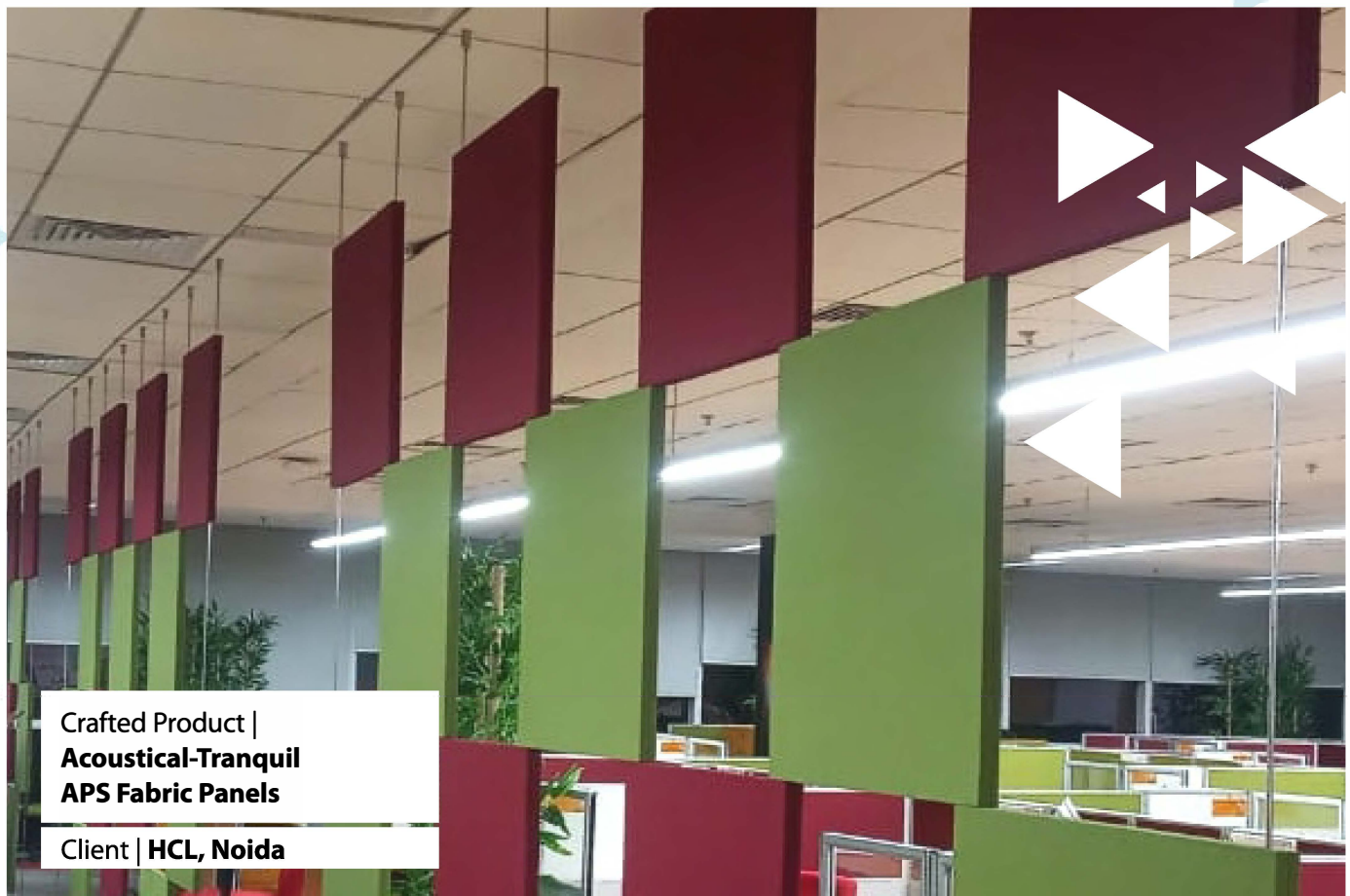


Crafted Product |  
**Acoustical-Tranquil  
APS Fabric Panels**

Client | **Citrix, Bangalore**

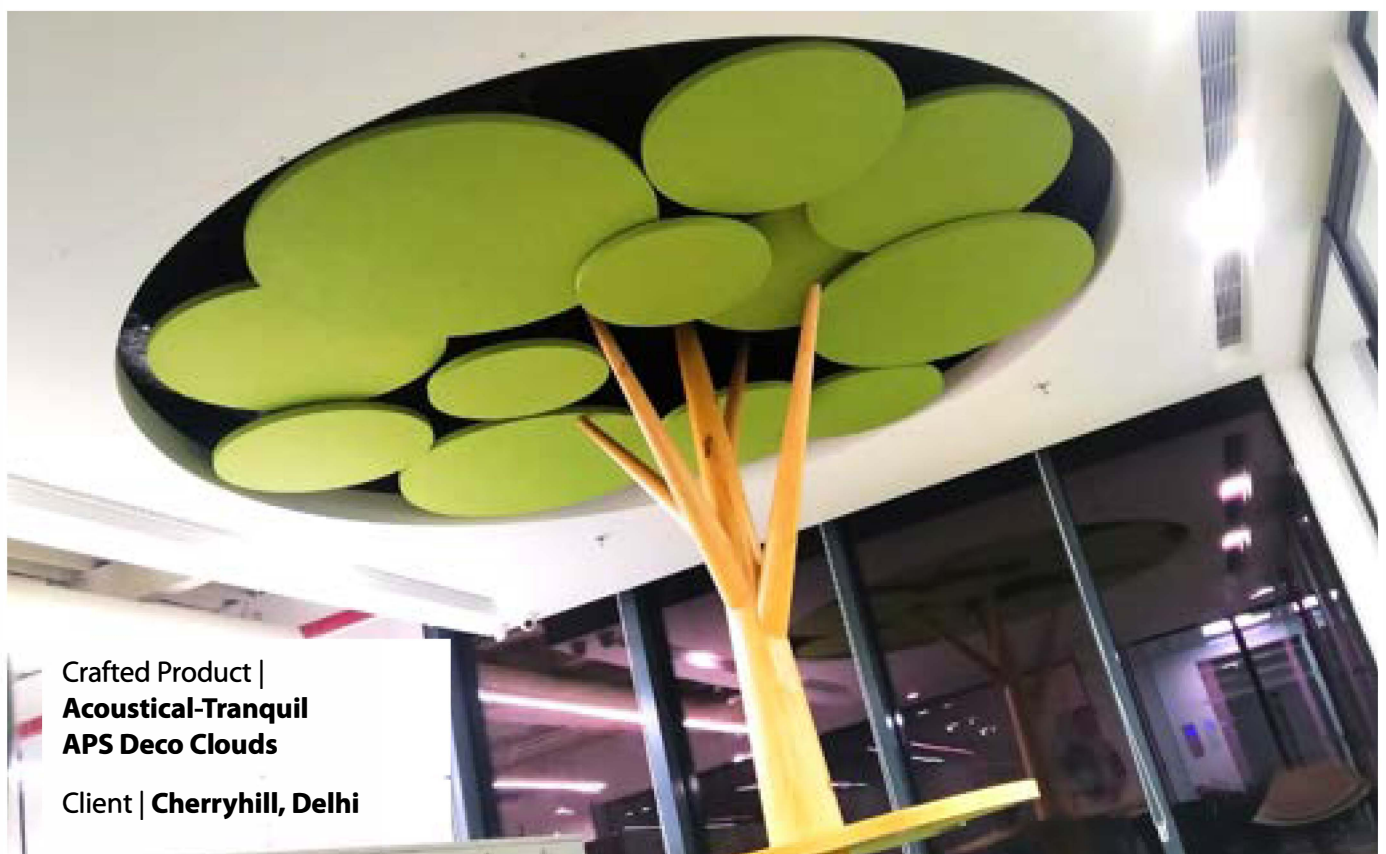
# APS

*Compressed Fiberglass Acoustical Panels*



Crafted Product |  
**Acoustical-Tranquil**  
**APS Fabric Panels**

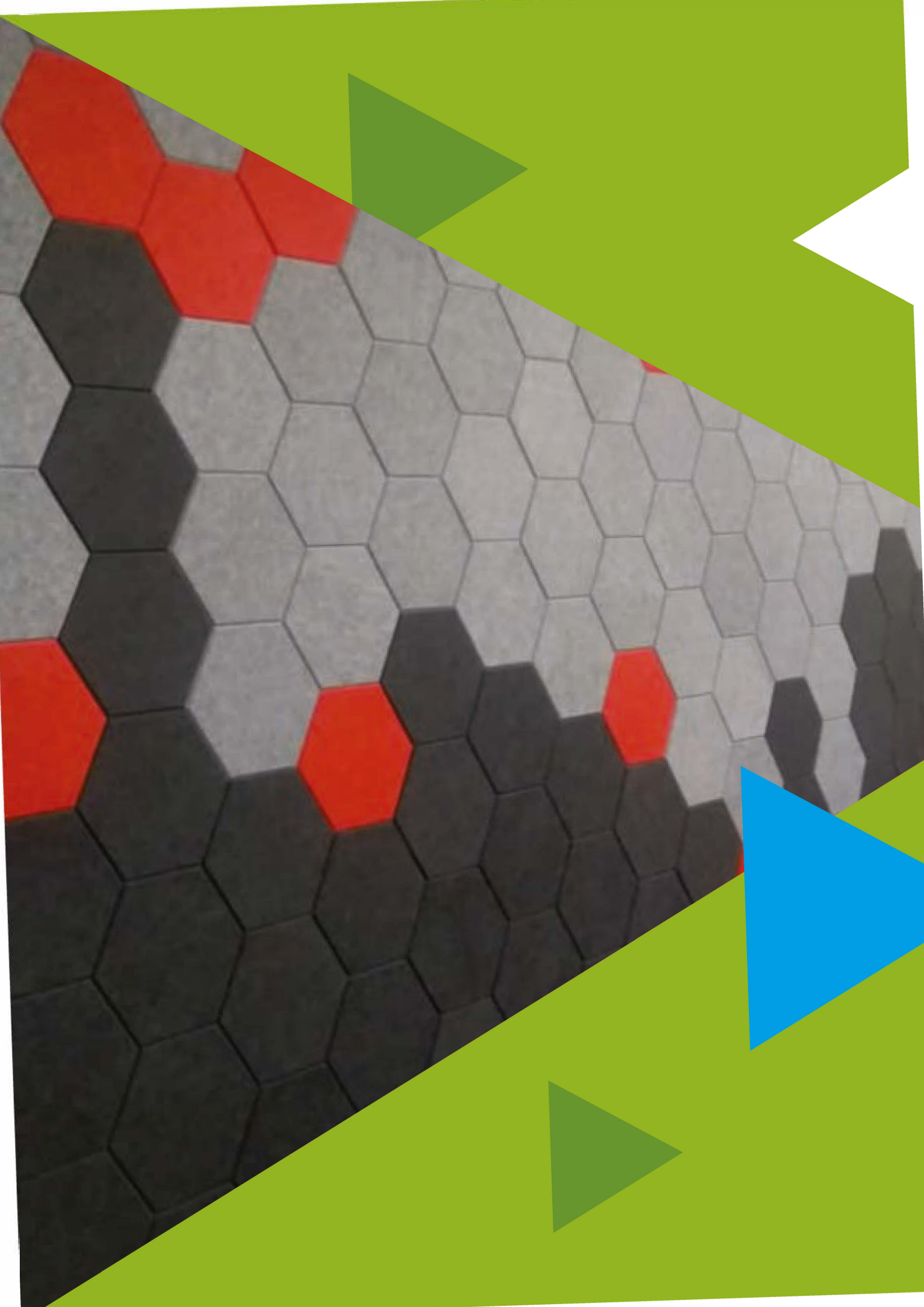
Client | **HCL, Noida**



Crafted Product |  
**Acoustical-Tranquil**  
**APS Deco Clouds**

Client | **Cherryhill, Delhi**

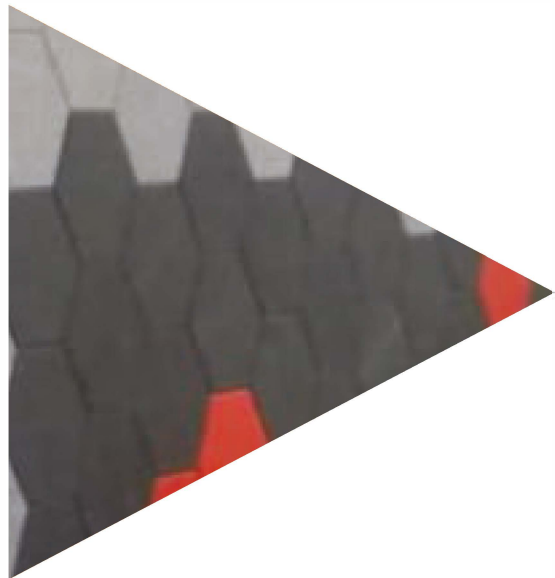






# TRANQUIL<sup>®</sup> ECOCORE

*PET Panels Acoustical Systems*



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 vertically or horizontally from the ceiling.

## SPECIFICATION

- ▶ Thickness: 9mm, 12mm and 25mm
- ▶ Maximum dimensions : L-2.44m W-1.22m
- ▶ Density Kg/m<sup>3</sup> ( +/- 10%): 9mm: 200 Kg, 12mm: 190 Kg, 25mm: 120 Kg
- ▶ Composition: 100% Polyester Core
- ▶ Edges : Square / Bevelled/ Mitre
- ▶ 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





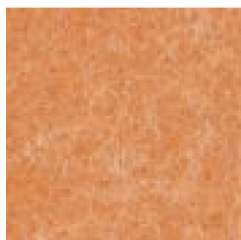
## ECOCORE COLORS



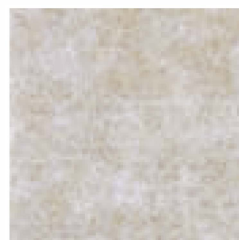
TREC 07 Arctic White



TREC 06 Mink



TREC 28 Sun



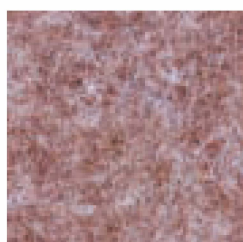
TREC 04 Camel



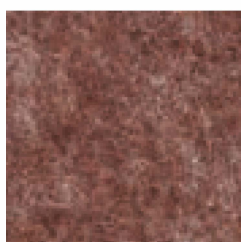
TREC 12 Pearl



TREC 32 Light Brown



TREC 38 Ruite



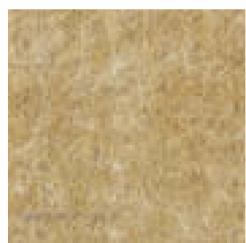
TREC 39 Coffee



TREC 44 Shimmer



TREC 31 Walnut



TREC 86 Swiss Coffee



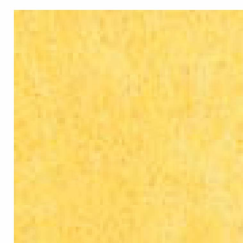
TREC 105 Courtyard



TREC 104 Olive Groove



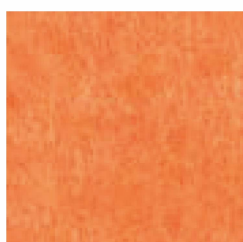
TREC 96 Crescent



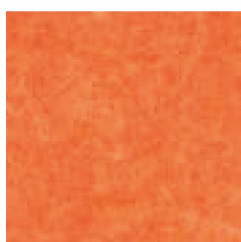
TREC 05 Saffron



TREC 84 Turmeric



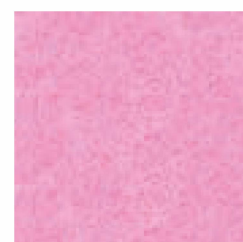
TREC 46 Orange



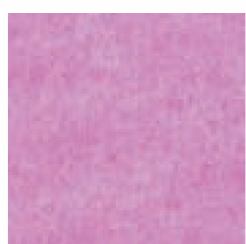
TREC 85 Glowing Rust



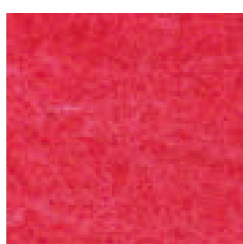
TREC 95 Tender Shine



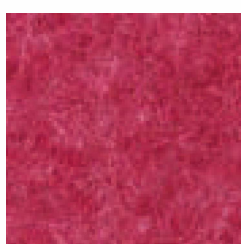
TREC 99 Pixie Dust



TREC 89 Mauve Halo



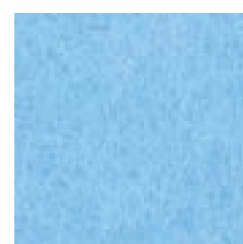
TREC 08 Fiery Red



TREC 24 Cherry



TREC 103 Crystal River



TREC 65 Aqua Young

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

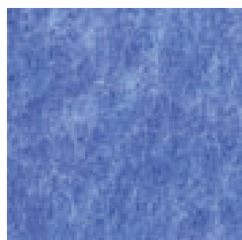




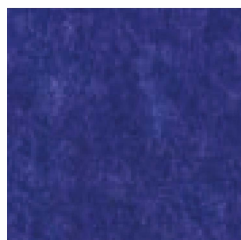
## ECOCORE COLORS



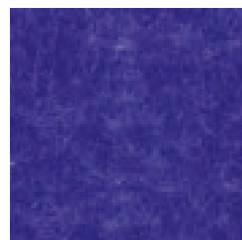
TREC 90 Light Sky



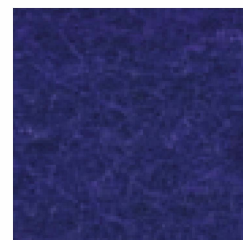
TREC 25 China Sea



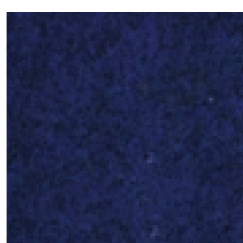
TREC 01 Navy Blue



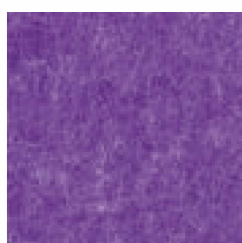
TREC 76 Bing Blue



TREC 19 Indigo



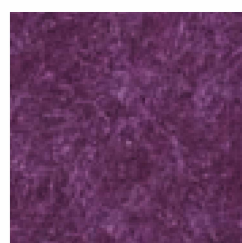
TREC 16 Dark Blue



TREC 49 Purple



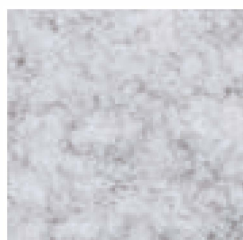
TREC 100 Purple Chiffon



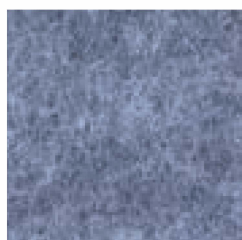
TREC 50 Amethyst



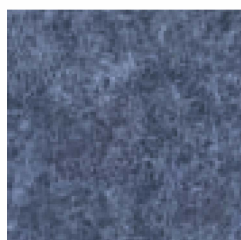
TREC 30 Light Purple



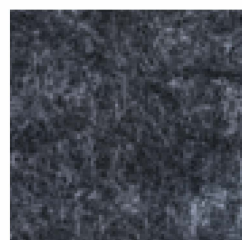
TREC 11 Silver Grey



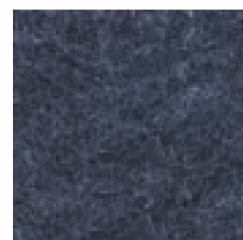
TREC 36 Moonlight Grey



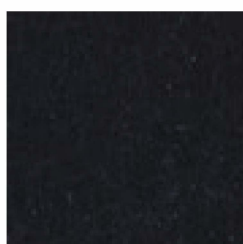
TREC 37 Gungrey



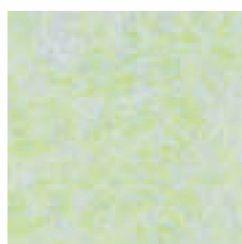
TREC 03 Greystone



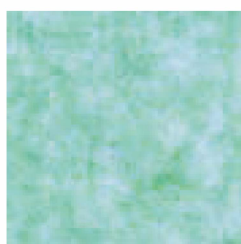
TREC 93 Carbon Flint



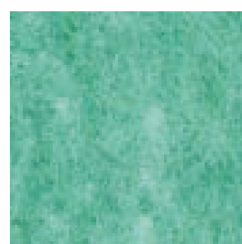
TREC 13 Black



TREC 102 River Cruise



TREC 101 Droplet



TREC 88 Palm Groove



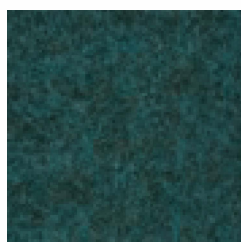
TREC 87 Sporting Green



TREC 51 Emerald



TREC 43 Apple Green



TREC 17 Dark Green



TREC 07 Arctic White



TREC 54 Vanilla White

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

# ECOCORE *PET Panels Acoustical Systems*



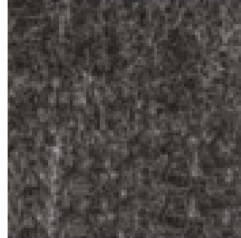
## ECOCORE COLORS



TREC 58 Carbon



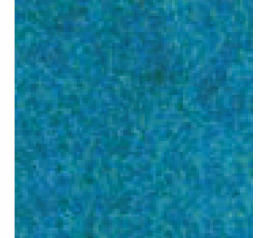
TREC 37 Gungrey



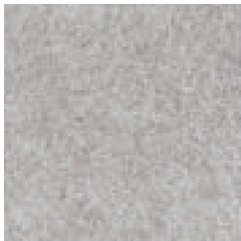
TREC 03 Greystone



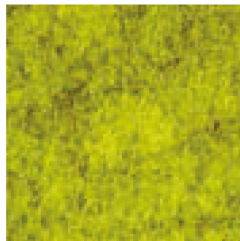
TREC 13 Black



TREC 73 Elm Grove



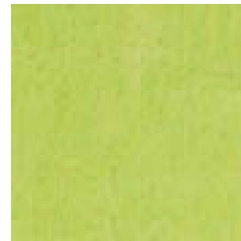
TREC 59 Winter Grey



TREC 64 Lemon Souffle



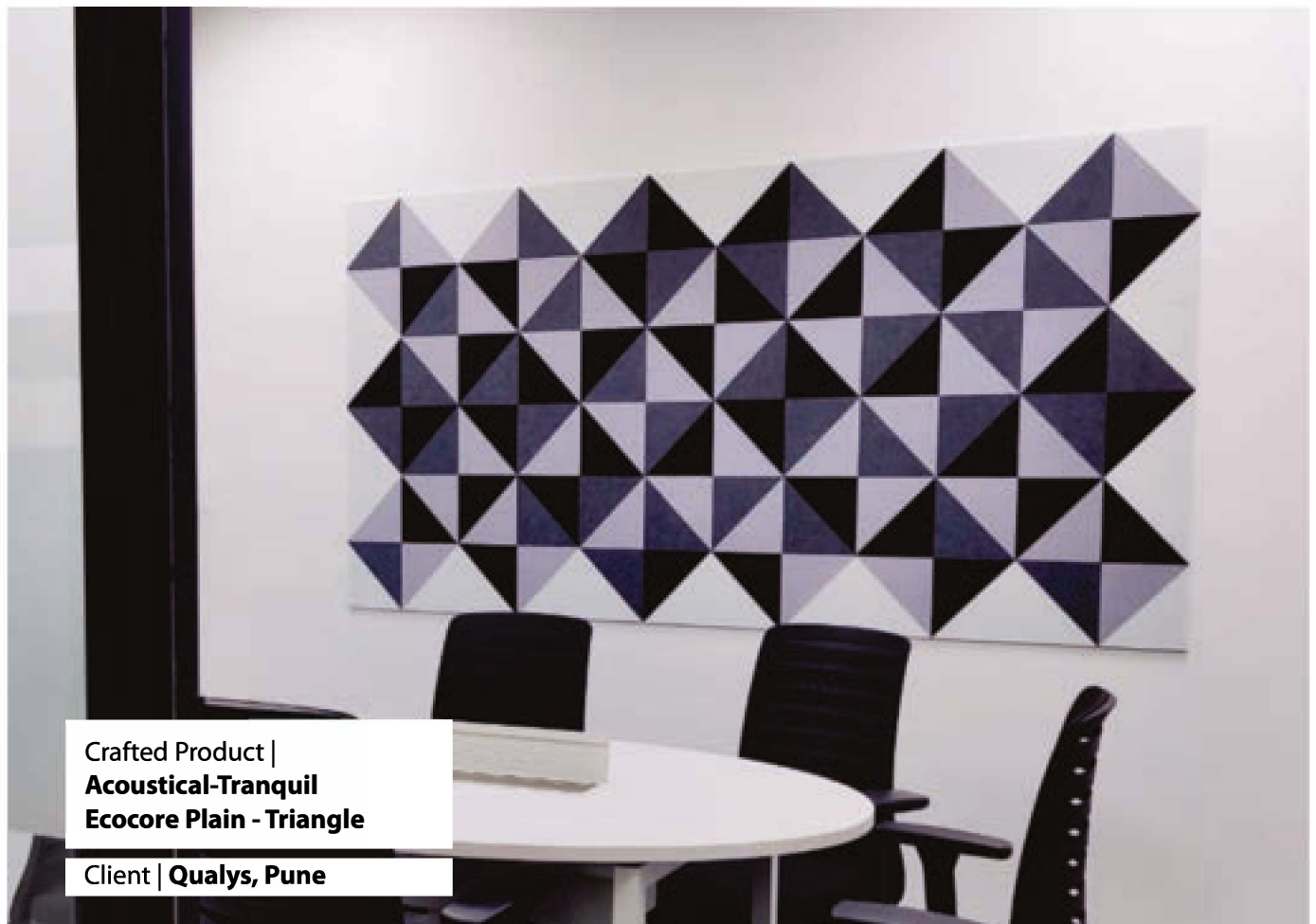
TREC 43 Apple Green



TREC 70 Aloe Green



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



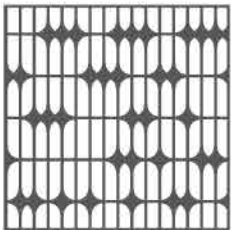
Crafted Product |  
**Acoustical-Tranquil**  
**Ecocore Plain - Triangle**

Client | **Qualys, Pune**

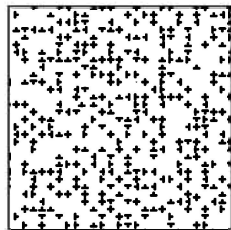


Tranquil Ecocore Printed are aesthetically designed printed Ecocore panels. These panels are available in 9mm, 12mm and 25mm. Tranquil Ecocore Printed Panels gives you wide options of designs with the option of customization of designs to your requirement.

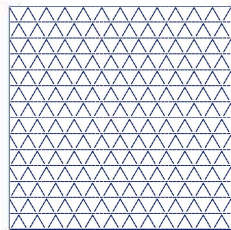
## ECOCORE PRINTED DESIGNS



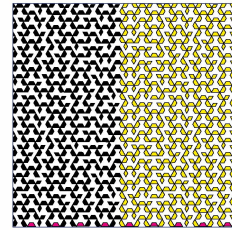
Eco 1001



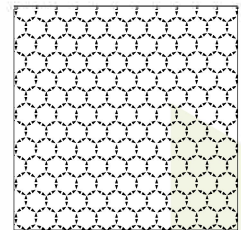
Eco 1003



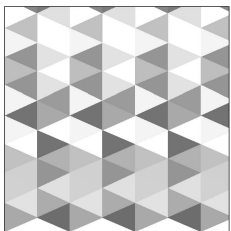
Eco 1007



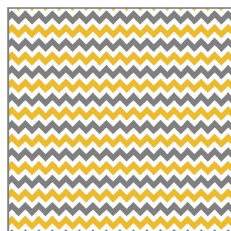
Eco 1021



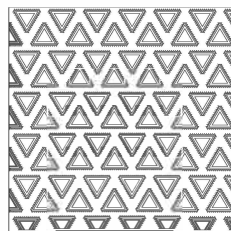
Eco 1024



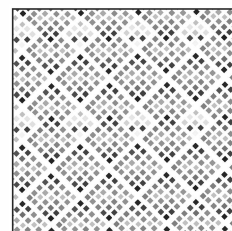
Eco 1031



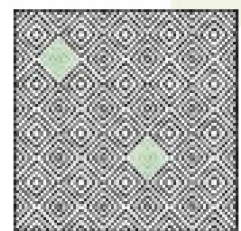
Eco 1034



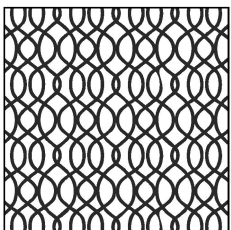
Eco 1036



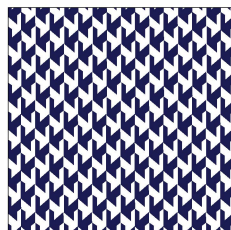
Eco 1037



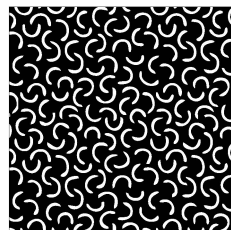
Eco 1040



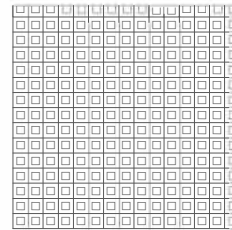
Eco 1042



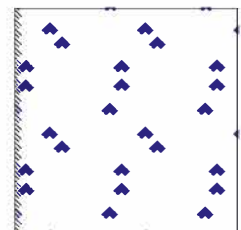
Eco 1044



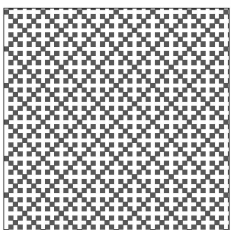
Eco 1045



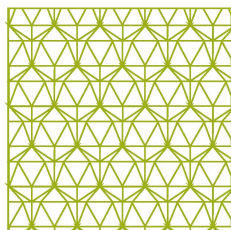
Eco 1047



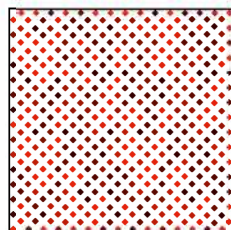
Eco 1048



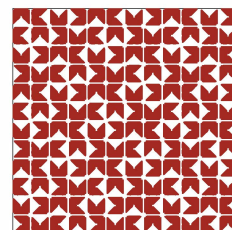
Eco 1049



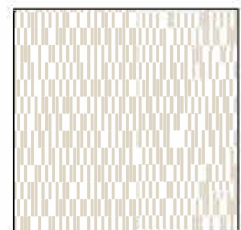
Eco 1060



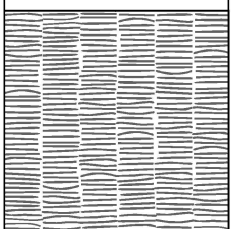
Eco 1061



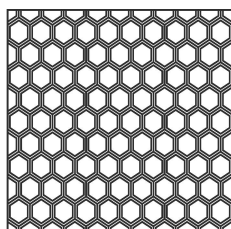
Eco 1083



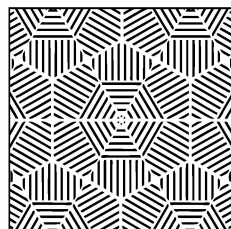
Eco 1084



Eco 1085



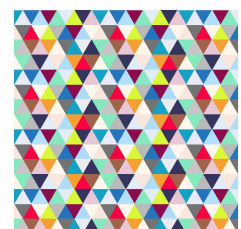
Eco 1086



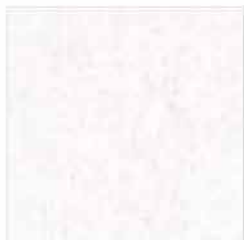
Eco 1090



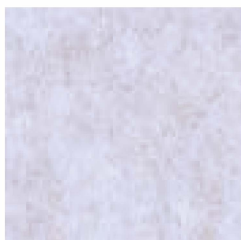
Eco 1103



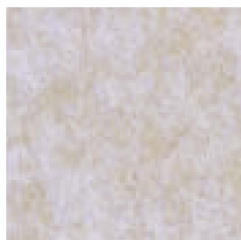
Eco 1123



TREC 55 Glacier



TREC 62 Iced Silver



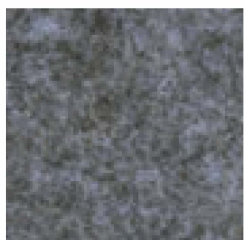
TREC 04 Camel



TREC 12 Pearl



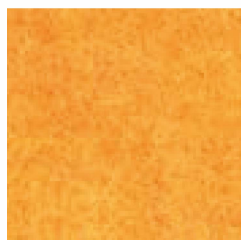
TREC 57 Almond Sand



TREC 71 Dry Acorn



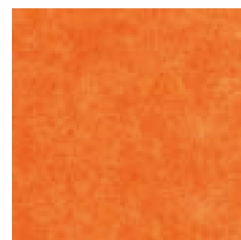
TREC 75 Mochaccino



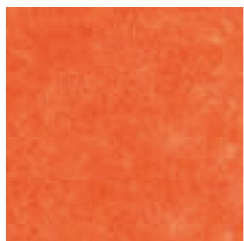
TREC 61 Fire Globe



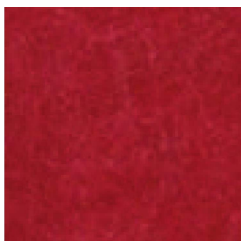
TREC 84 Turmeric



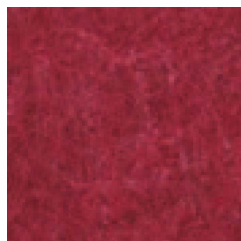
TREC 85 Glowing Rust



TREC 53 Goldfish



TREC 08 Fiery Red



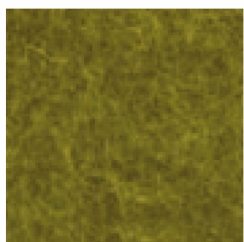
TREC 24 Cherry



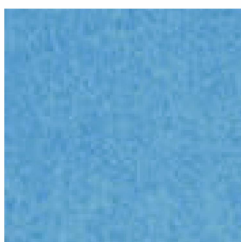
TREC 60 Crayon Green



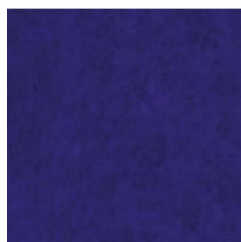
TREC 72 Golf Green



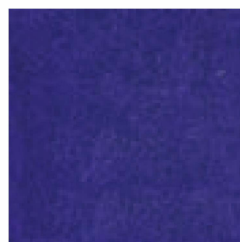
TREC 74 Dropping Leaves



TREC 65 Aqua Young



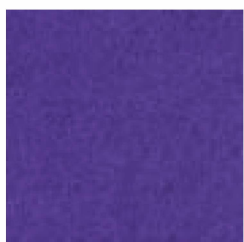
TREC 76 Bing Blue



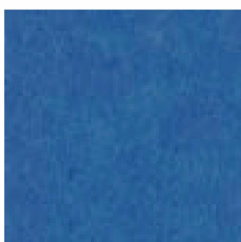
TREC 52 Blooming Blue



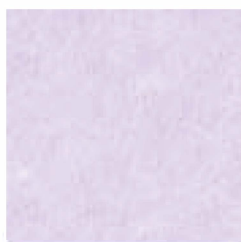
TREC 16 Dark Blue



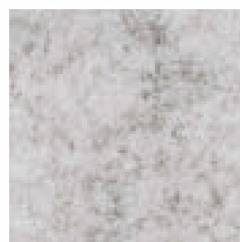
TREC 63 Rare Orchid



TREC 25 China Sea



TREC 30 Light Purple



TREC 11 Silver Grey



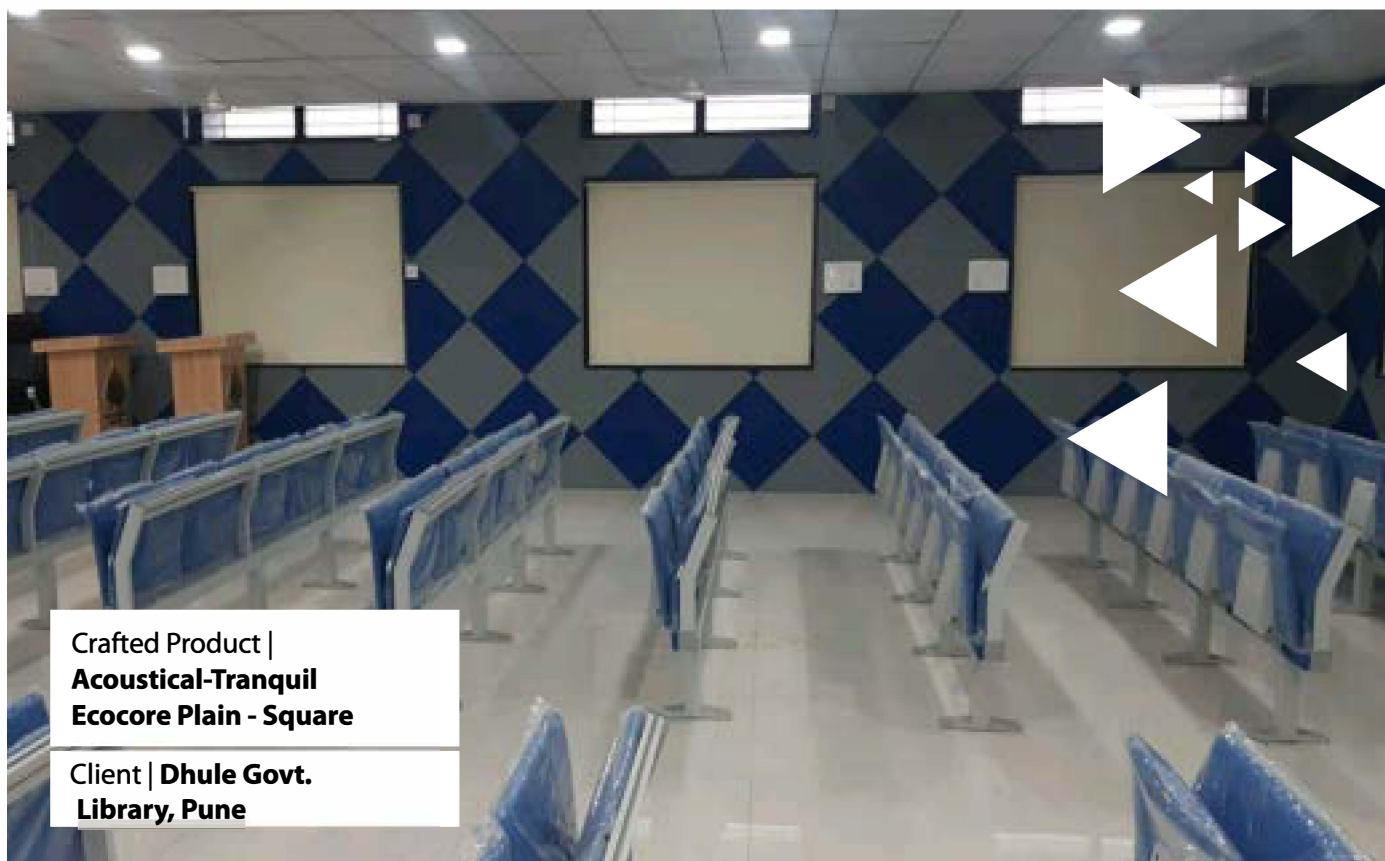
TREC 56 Ash Grey

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





## INSTALLED IMAGES



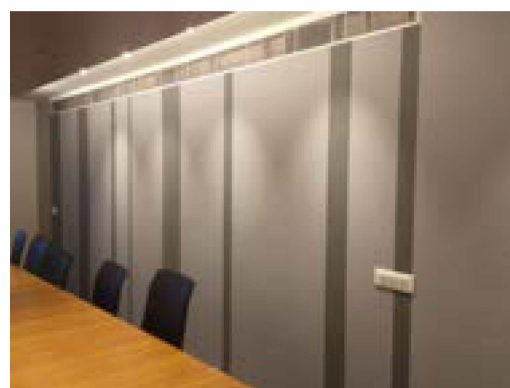
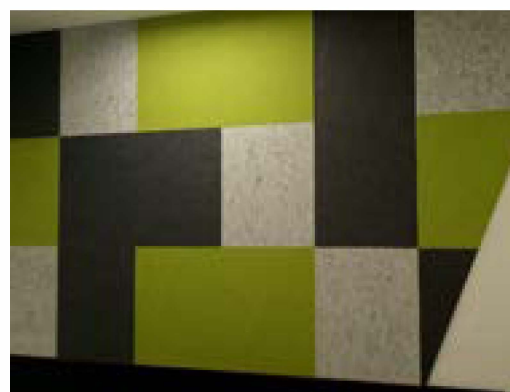
Crafted Product |  
**Acoustical-Tranquil  
Ecocore Plain - Square**

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



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

Client | **Cerner, Bangalore**





## INSTALLED IMAGES



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

Client | **Amazon, Hyderabad**



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

Client | **BARCO, Noida**





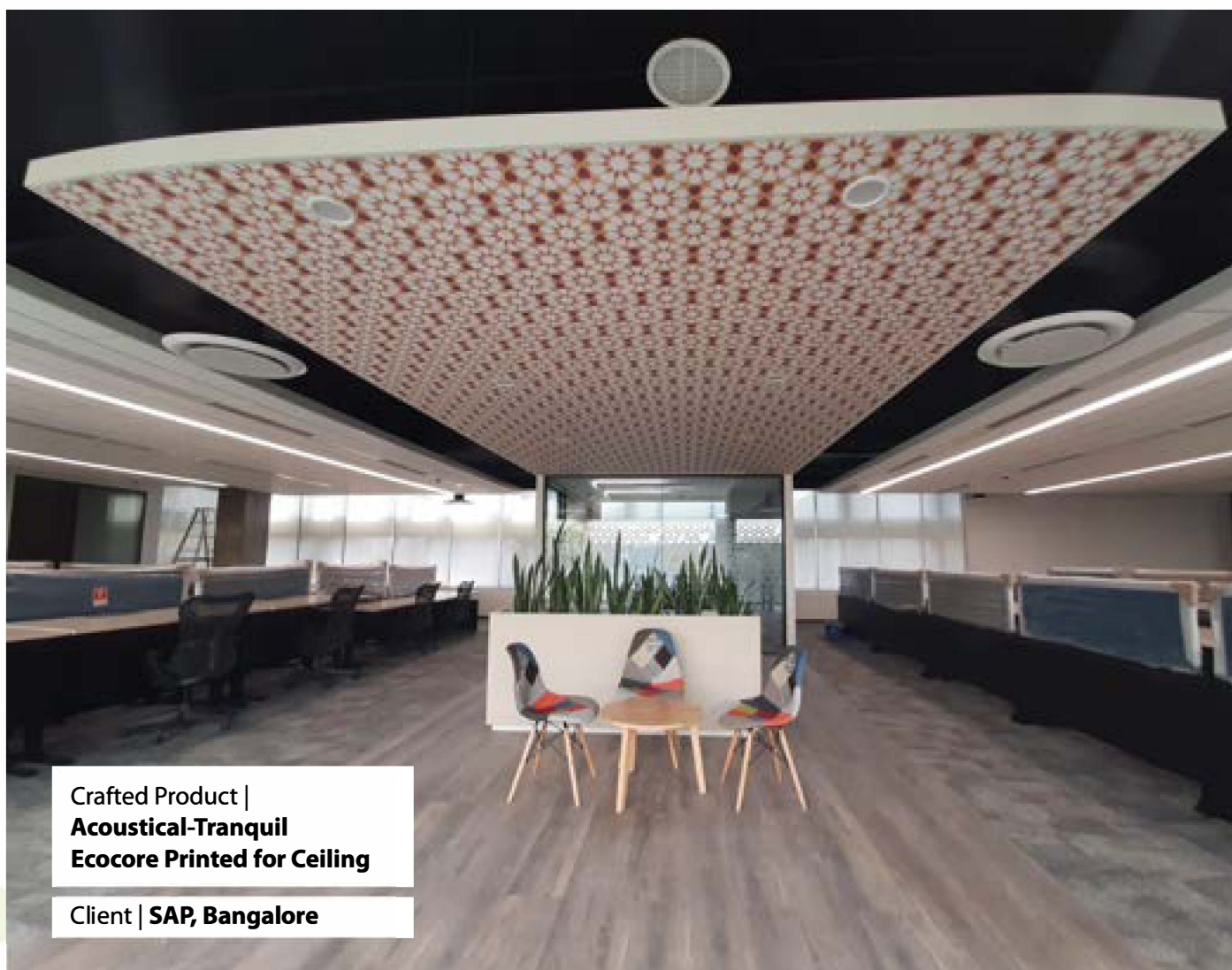
## MORE DESIGNS





# ARRAY OF CHOICES

## PERSONALISING FOR YOUR NEED



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

Client | **SAP, Bangalore**



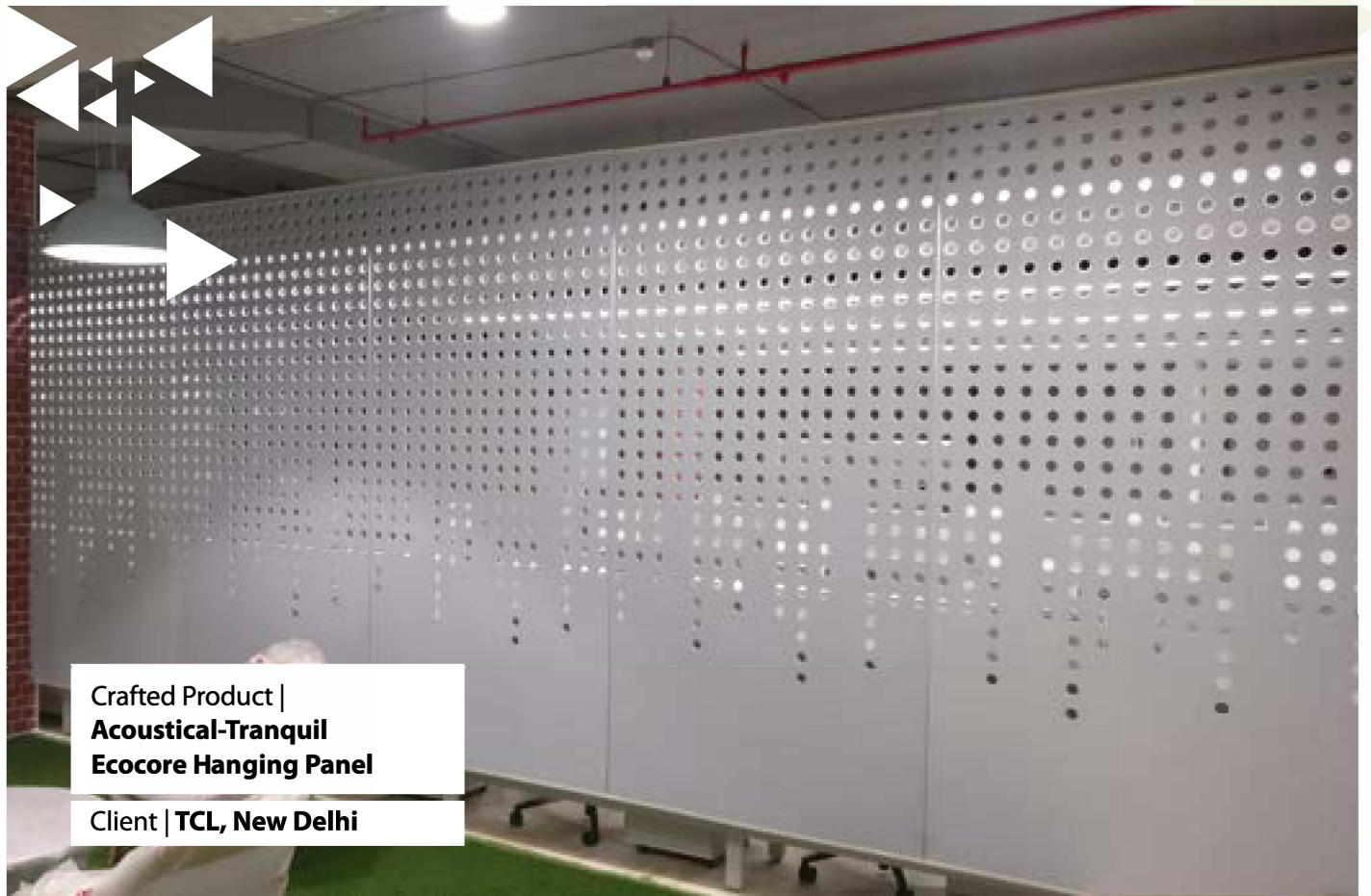
# ECOCORE *Perforated Panels*



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**

Client | **TCL, New Delhi**



## INSTALLED IMAGES



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

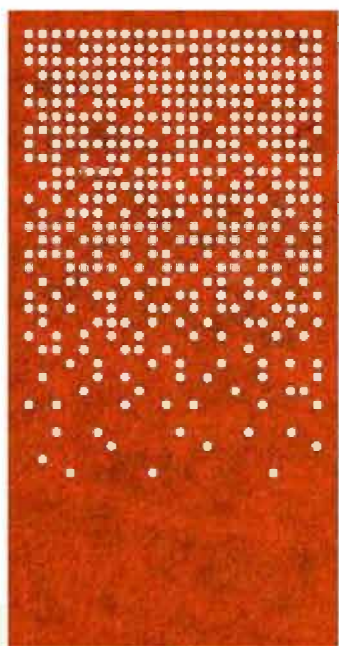
Client | **Microsoft, Noida**



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

Client | **PWC, Kolkata**

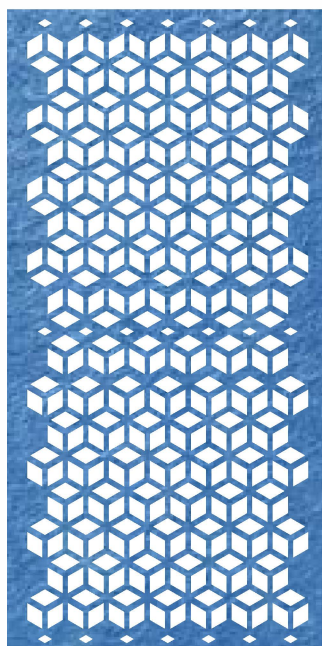
## STANDARD DESIGNS



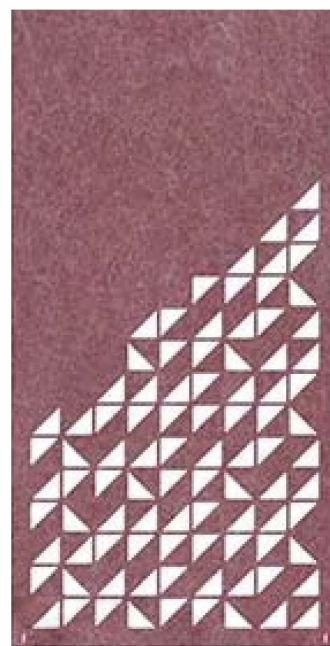
Eco 2001



Eco 2002



Eco 2003



Eco 2004

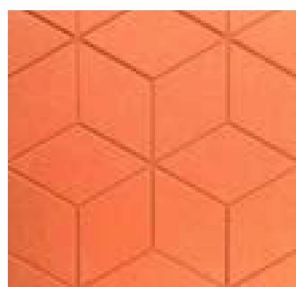


Tranquil Ecocore Grooved Panels are rich patterned grooved panels range allowing for a variety of decorating uses. Tranquil Ecocore Grooved Panels brings an entirely new look to the flat panels with its V-shaped grooves carved into its face. Inspired by geometry, the dynamic Grooved Panels are ideal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

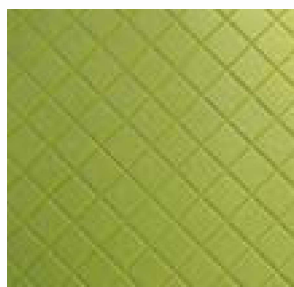
## SPECIFICATION

- ▶ 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<sup>3</sup> ( +/- 10%): 9mm: 200 Kg, 12mm: 190 Kg
- ▶ Colors: 37 colors for 9 mm; 22 colors for 12 mm or customized
- ▶ NRC: 0.3 - 0.4 (without gap)
- ▶ Eco-friendly: E0
- ▶ Fire Resistance: En13501 Class B

## ECOCORE GROOVED DESIGNS



Alea-04



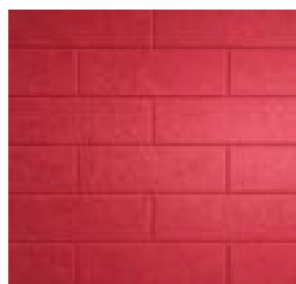
Cheq-06



Deau-02



Hex-03



Homi-07



Linear-05



Luca-08



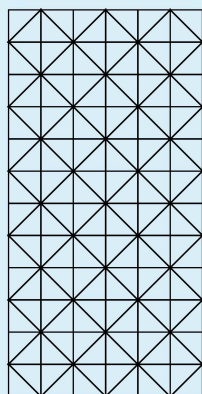
Squi-01



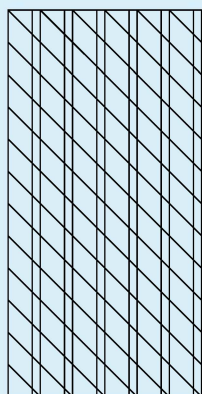


## MORE DESIGNS

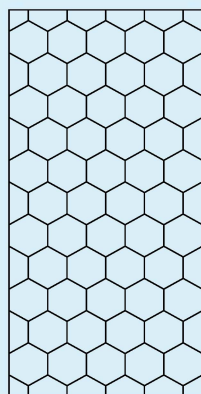
SIZE - 1200 x 2400 mm



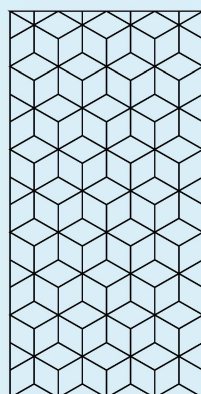
TREG-10 Crux



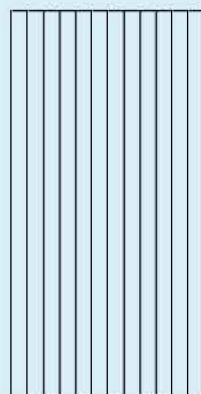
TREG 02 Deau



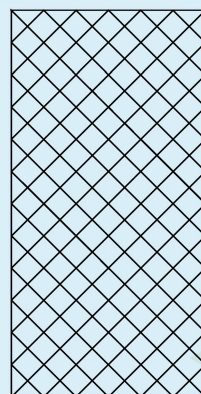
TREG 03 Hex



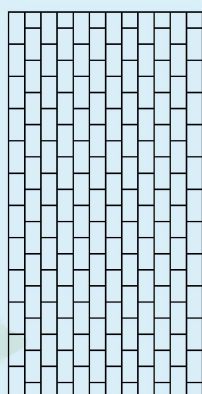
TREG 04 Alea



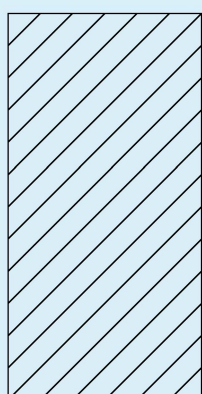
TREG 05 Linear



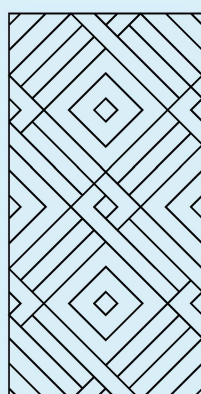
TREG 06 Cheq



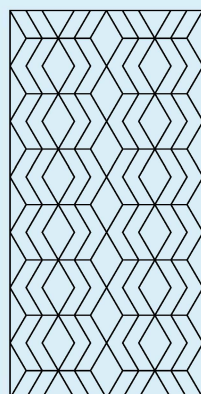
TREG 07 Homi



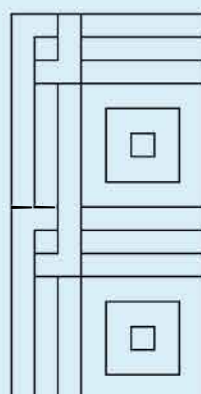
TREG 08 Luca



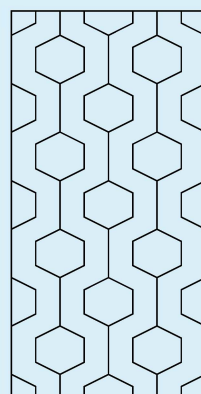
TREG 11 Verto



TREG 12 Hew

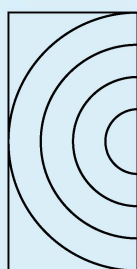


TREG 13 Vito

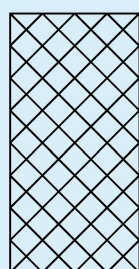


TREG 14 Twix

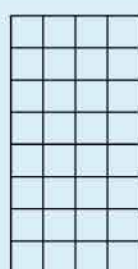
Size: 1200\*600mm and 600\*600mm for combination



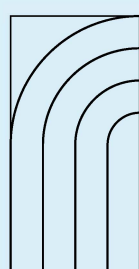
TREG 15 Swirl



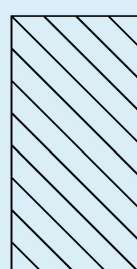
TREG 06 Cheq



TREG 09 Buxe



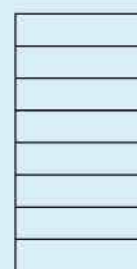
TREG 16 Rilo



TREG 08 Luca



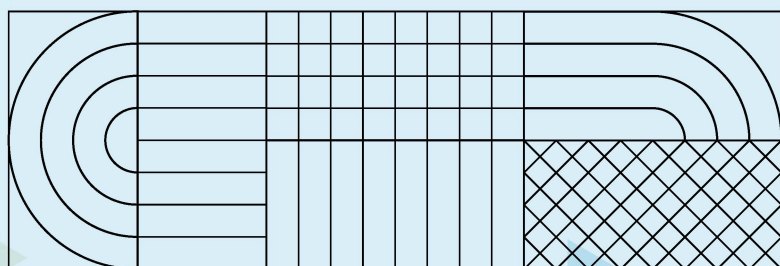
TREG 05 Linear(V)



TREG 05 Linear(H)



TREG 17 Lagom



PATTERN: Stellar



PATTERN: Cygnus

# ECOCORE *Grooved Panels*



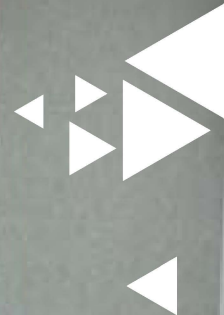
Crafted Product |  
**Acoustical-Tranquil  
Ecocore Grooved Panels**

Client | **Oracle, Bangalore**



Crafted Product |  
**Acoustical-Tranquil  
Ecocore Grooved Panels**

Client | **Residential Home  
Theater, Pune**





Crafted Product |  
**Acoustical-Tranquil  
Ecocore Grooved Panels**

Client | **Amazon, Bangalore**



**BRING IN COMPOSURE**



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
- ▶ Density Kg/m<sup>3</sup> ( +/- 10%): 350 Kg/m<sup>3</sup>
- ▶ Composition: 100% Polyester Core
- ▶ Warranty: Warranted 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



TREF 005-821



TREF 007-801



TREF 008-837



TREC 11 Silver Grey



TREF 019-902



TREF 025-853



TREF 028-817



TREC 35 Caramel



TREF 037-901



TREC 39 Coffee



TREF 044-877



TREF 046-823



TREC 49 Purple



TREF 051-933



TREF 024-842



TREC 43 Apple Green



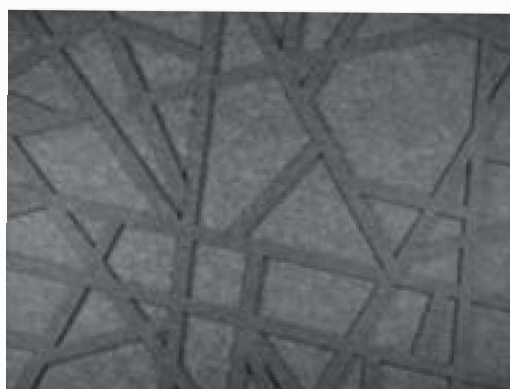
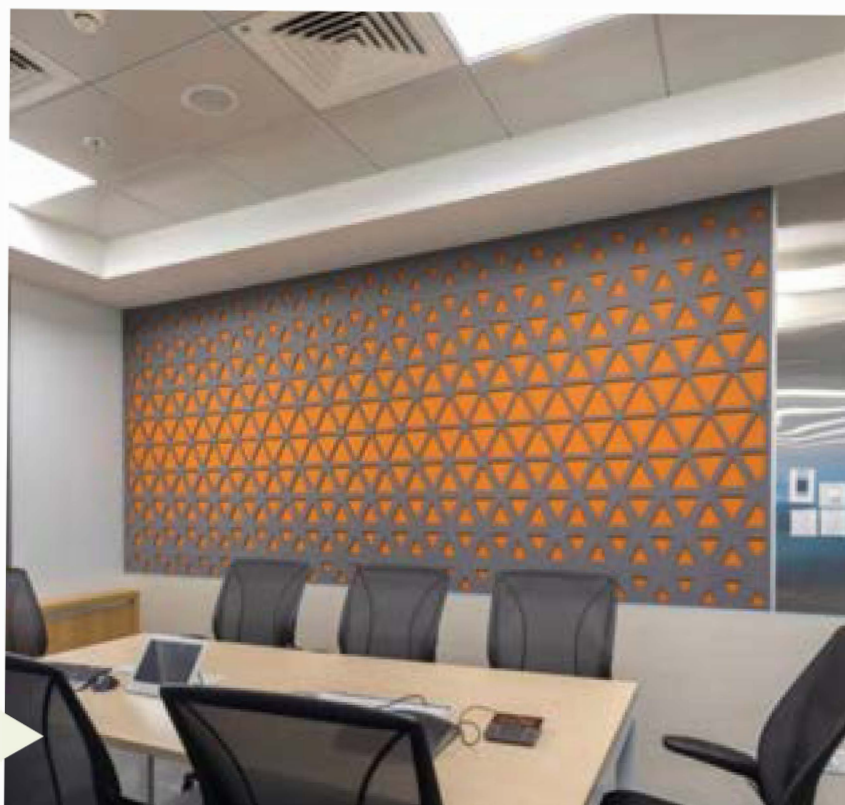
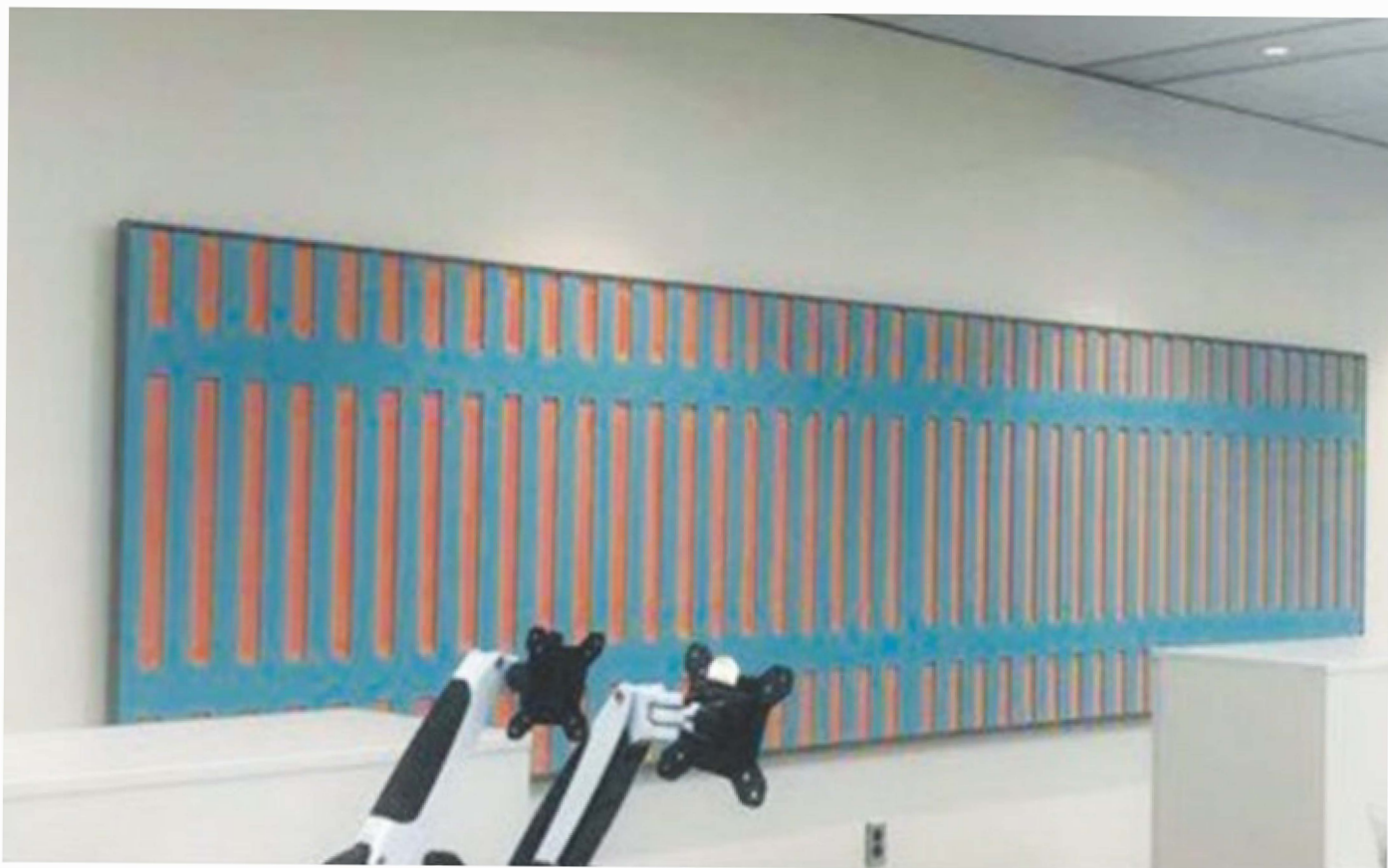
TREC 19 Indigo



TREC 41 Cinnamon



TREC 71 Pulp Pink







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

## SPECIFICATION

- ▶ Thickness - 28mm / 31mm / 50mm (Can be customised)
- ▶ NRC - upto 0.95

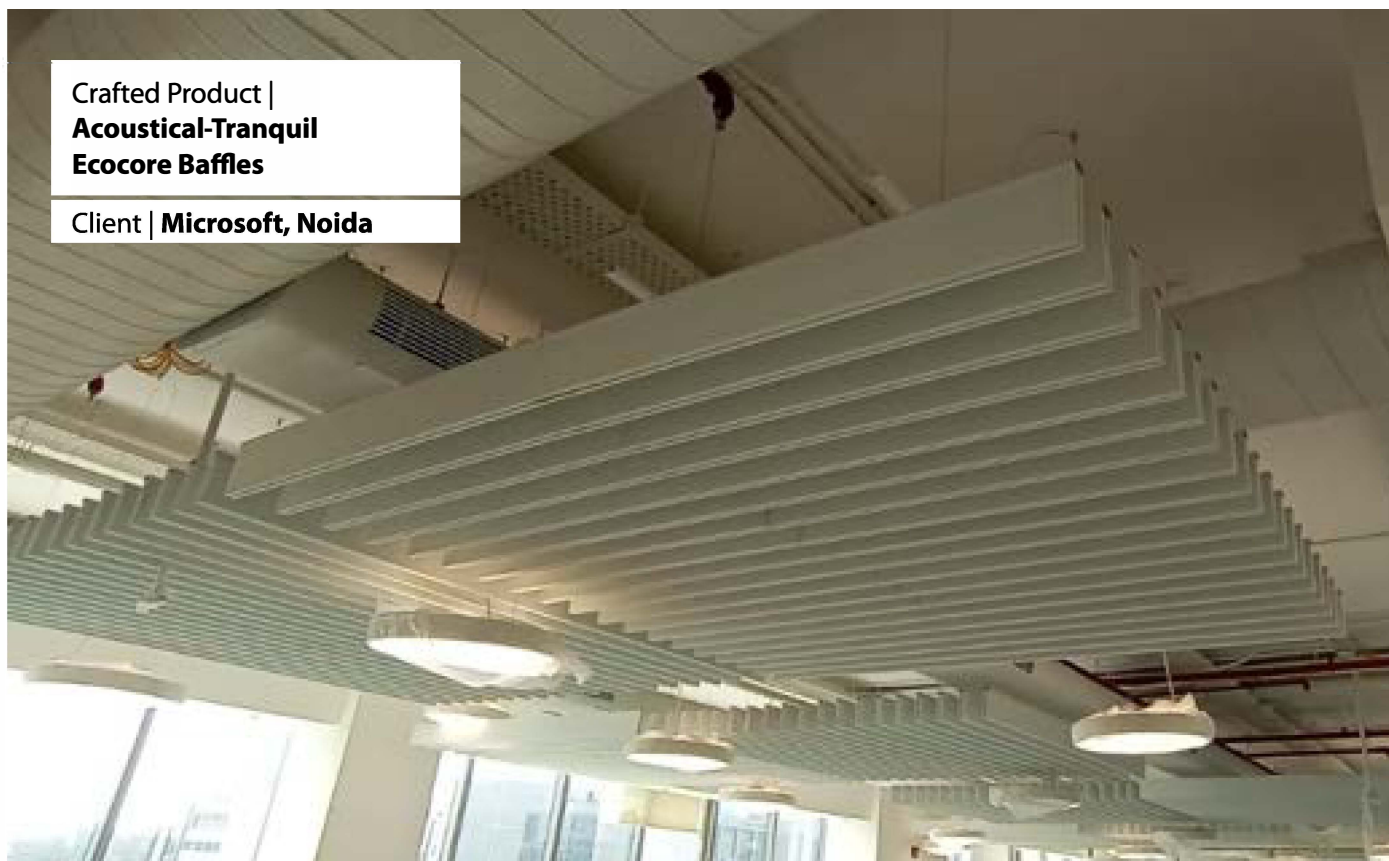






Crafted Product |  
**Acoustical-Tranquil  
Ecocore Baffles**

Client | **Microsoft, Noida**



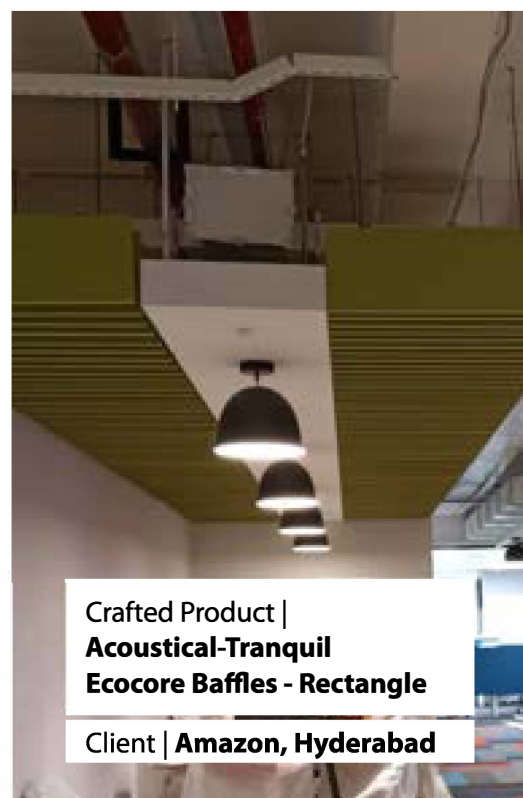
Crafted Product |  
**Acoustical-Tranquil  
Ecocore Baffles - Wavy pattern**

Client | **Baxter, Bangalore**



Crafted Product |  
**Acoustical-Tranquil  
Ecocore Baffles - Rectangle**

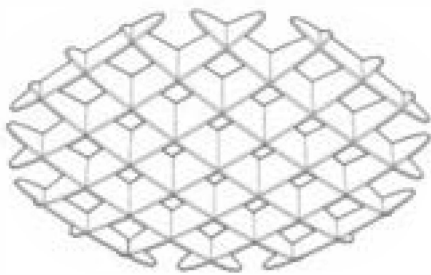
Client | **Amazon, Hyderabad**



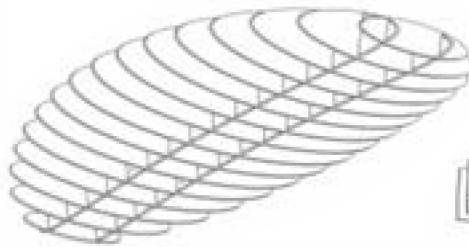
# ECOCORE *Eco Baffles*

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.

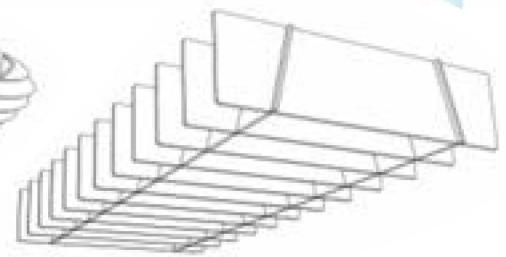
## PATTERNS



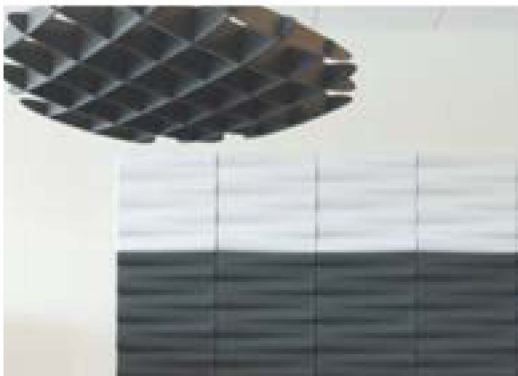
Round: 1200\*1200\*150mm  
Thickness - 14/20/27 mm



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



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



Crafted Product |  
**Acoustical-Tranquil  
Ecocore Baffle Ceiling**  
Client | **Barco, Noida**

# 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

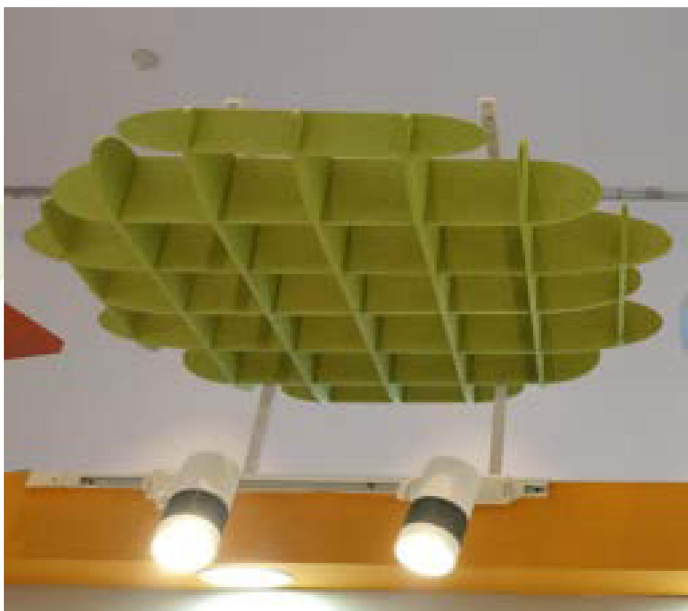
Ecocore Standard 9/12 mm panel

## 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 *Hex Panels*

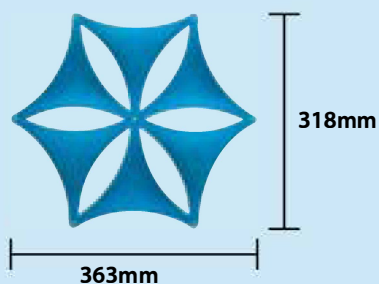
Ecocore Hex Panels are hanging panels that can be hung from the ceiling or on the wall. These panels are made from molded polyester fiber. These can be used as screens or wall hung panels creating a live atmosphere and reduces sound reflections. Ecocore Hex Panels is a modular system in the shape of a hexagon comes in a variety of colours and can be combined together to form a hanging screen. Ecocore Hex Panels are fixed on an aluminium rail for mounting in the ceiling or on the wall.

## SPECIFICATION

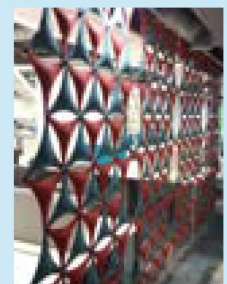
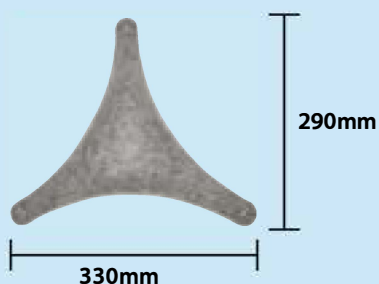
- Size: 360mm X 318mm
- Material: High Density 100% Recycle Polyester
- Thickness: 33mm | 33mm | 9/12 mm
- Application: Hanging panels

MODEL	SIZE	THICKNESS
Hexagon	363 x 318 mm	33 mm
Triangle	330 x 290 mm	33 mm
Plus	300 x 300 mm	9/12 mm

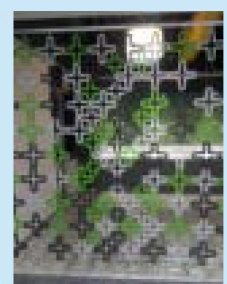
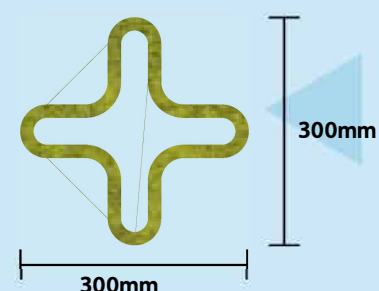
**Hexagon**



**Triangle**



**Plus**



## 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  
1160\*500\*18mm / 1160\*550\*18mm



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



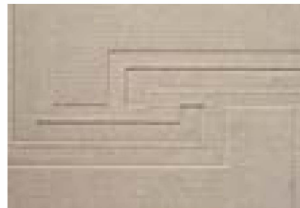
Couter



Duastri



Dulit



Esco



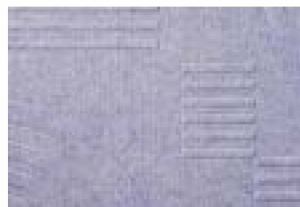
Fluer



Herit



Scion

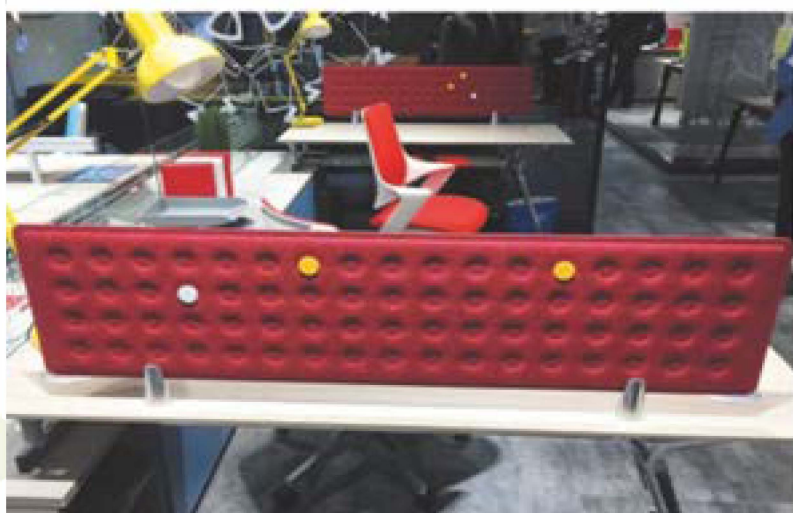


Sipher



Squir





# ECOCORE *Box type Baffle Ceiling*

A modular polyester fiber acoustic panel ceiling system with incredible acoustics and a unique appearance. A design that delights both eyes and ears and has sustainability at its core



## Size

2400\*40\*55mm

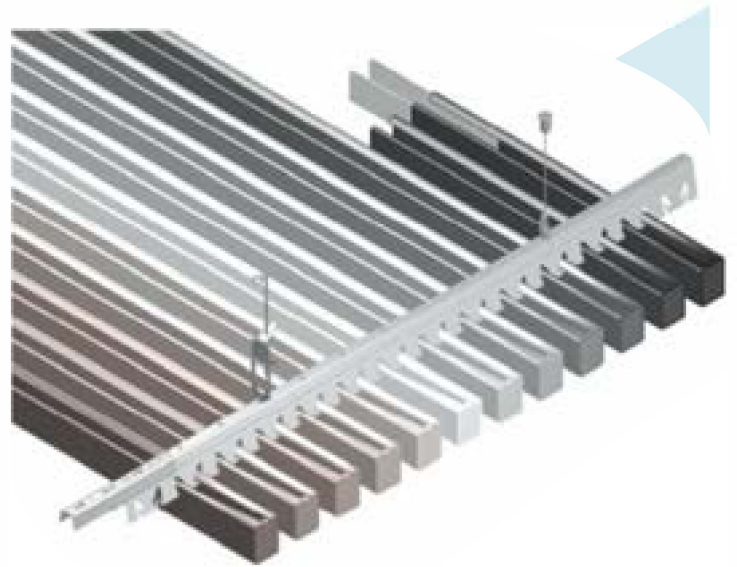
## Material

Ecocore Standard 9 mm Panel

## Mounting

Ceiling hung with carriers

Wall install with clips

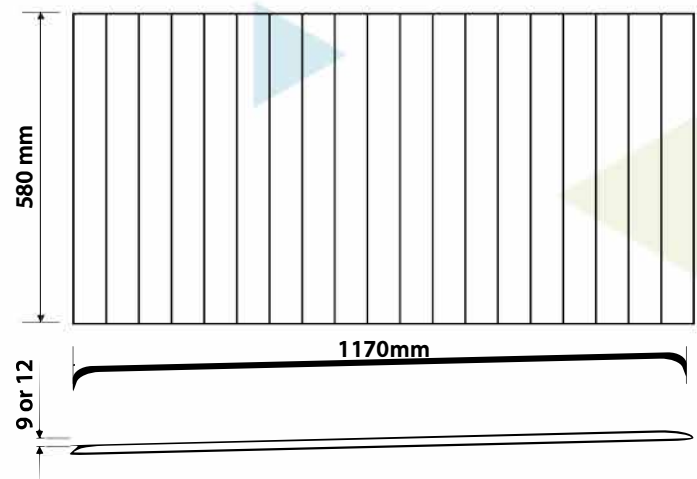




Wavelet is a sound absorber with a simple graphic design. The pattern formed by combining several modules can be varied in a virtually infinite number of ways. Sound-absorbing acoustic panels in hot-pressed Wavelet is mounted on the wall or the ceiling. You can use different colors, different perspectives and the perfect world mosaic.

## SPECIFICATION

Size	Thickness	Material
1170*580mm	9mm, 12mm	Ecocore standard 9mm or 12 mm panel

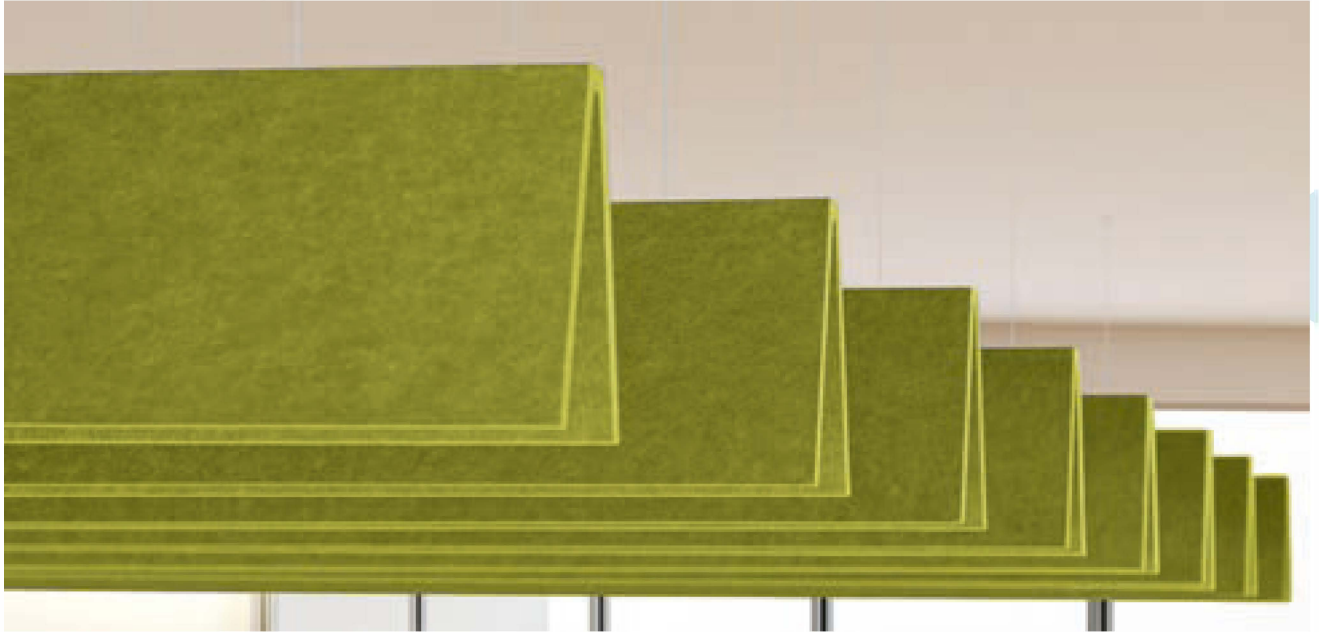




# ECOCORE PET Panels Acoustical Systems

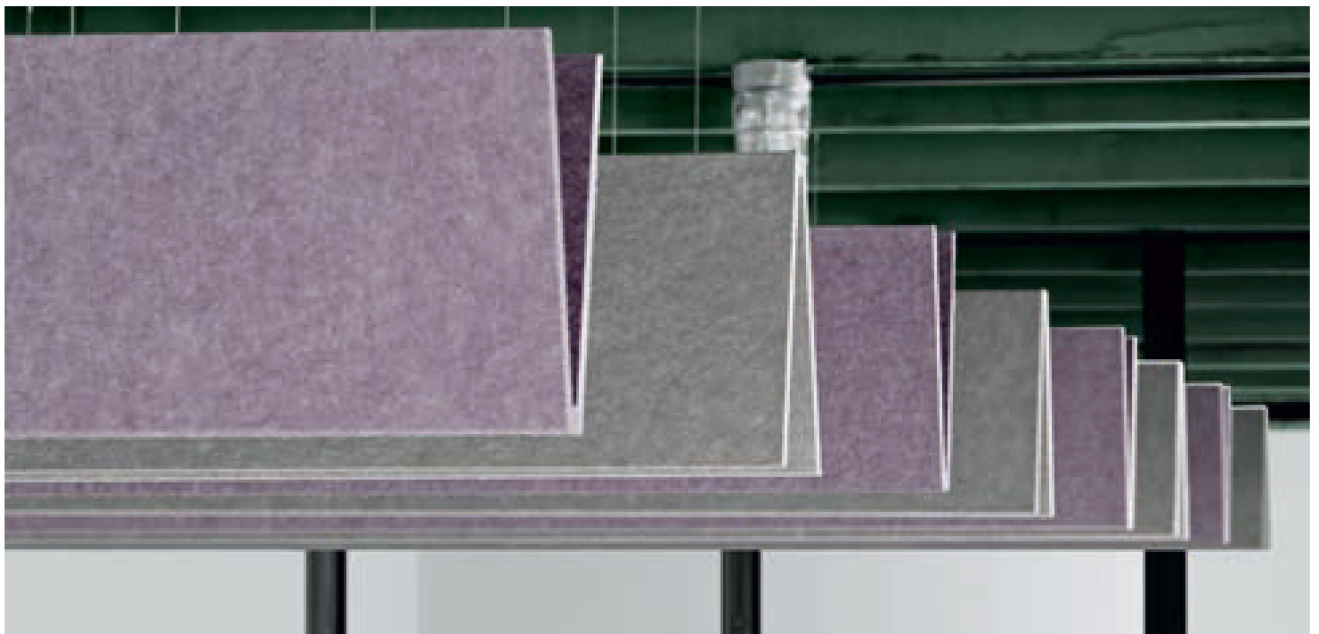


## ECO A-BAFFLE Ceiling



Design Ideas

## ECO A & V-BAFFLE Ceiling





## ECO DUAL *Wall*

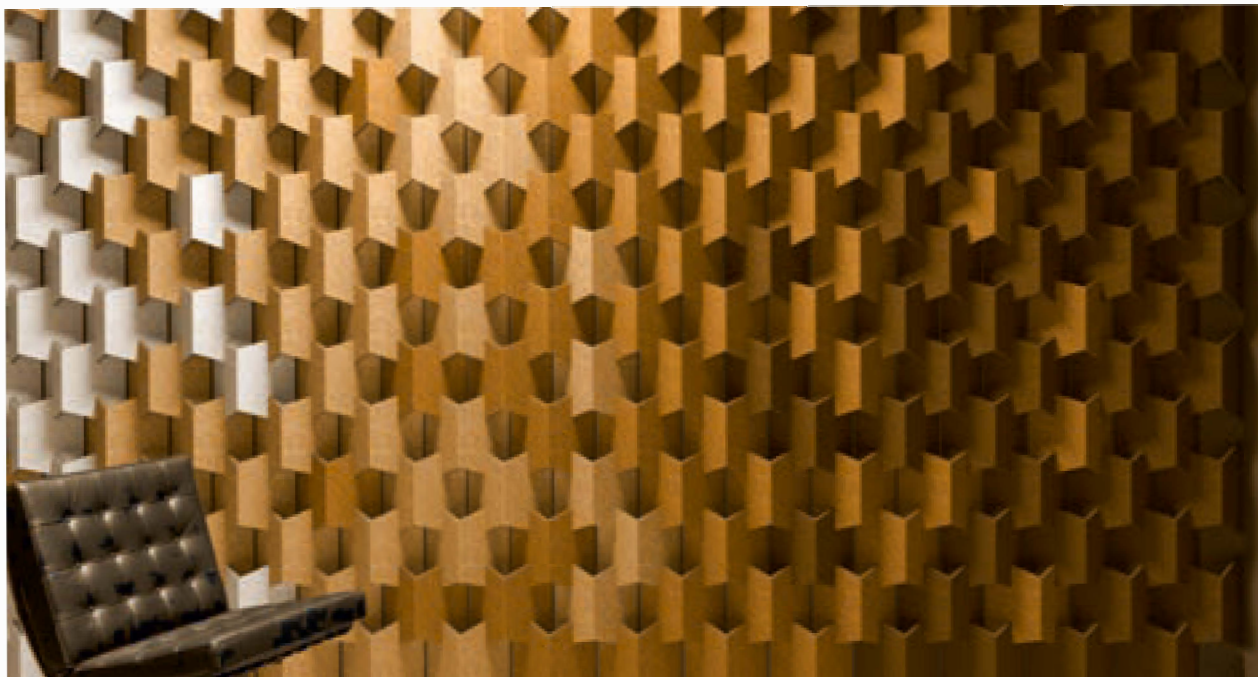


## ECO PARTITIONS *Hanging Panel*

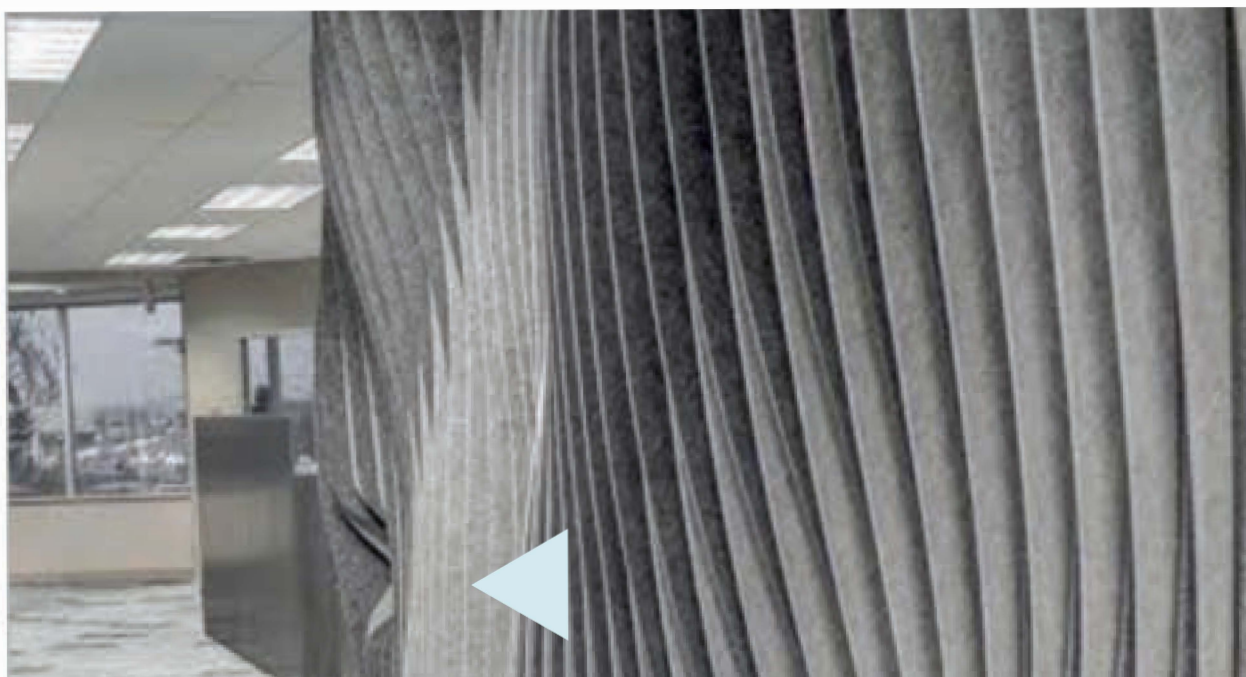


Design Ideas

## ECO V-STACK Panelling



## ECO WAVY PET Panelling



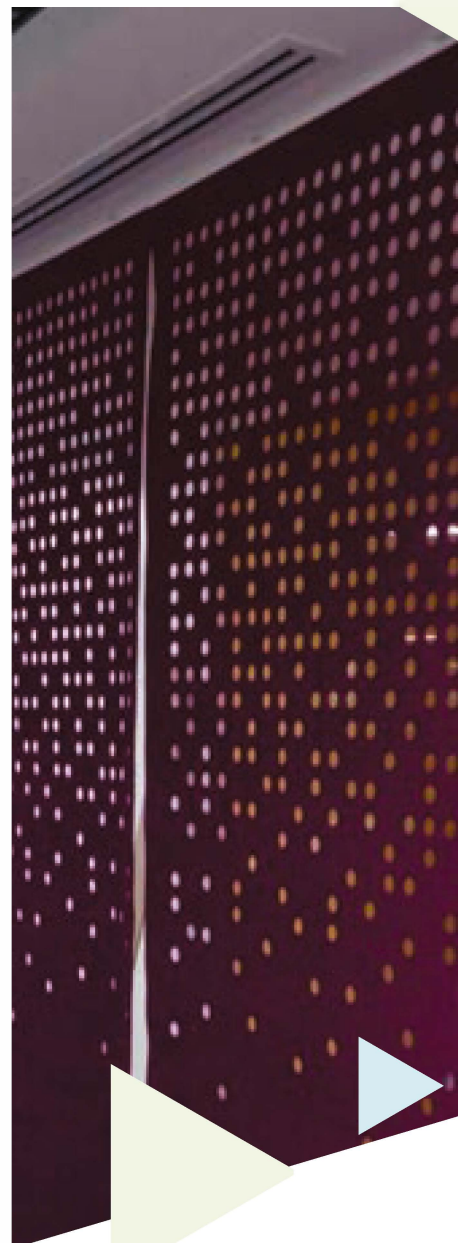
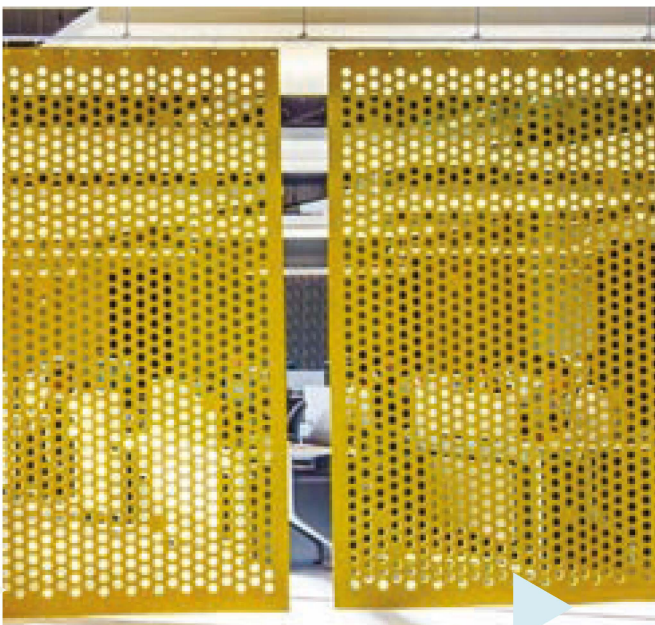




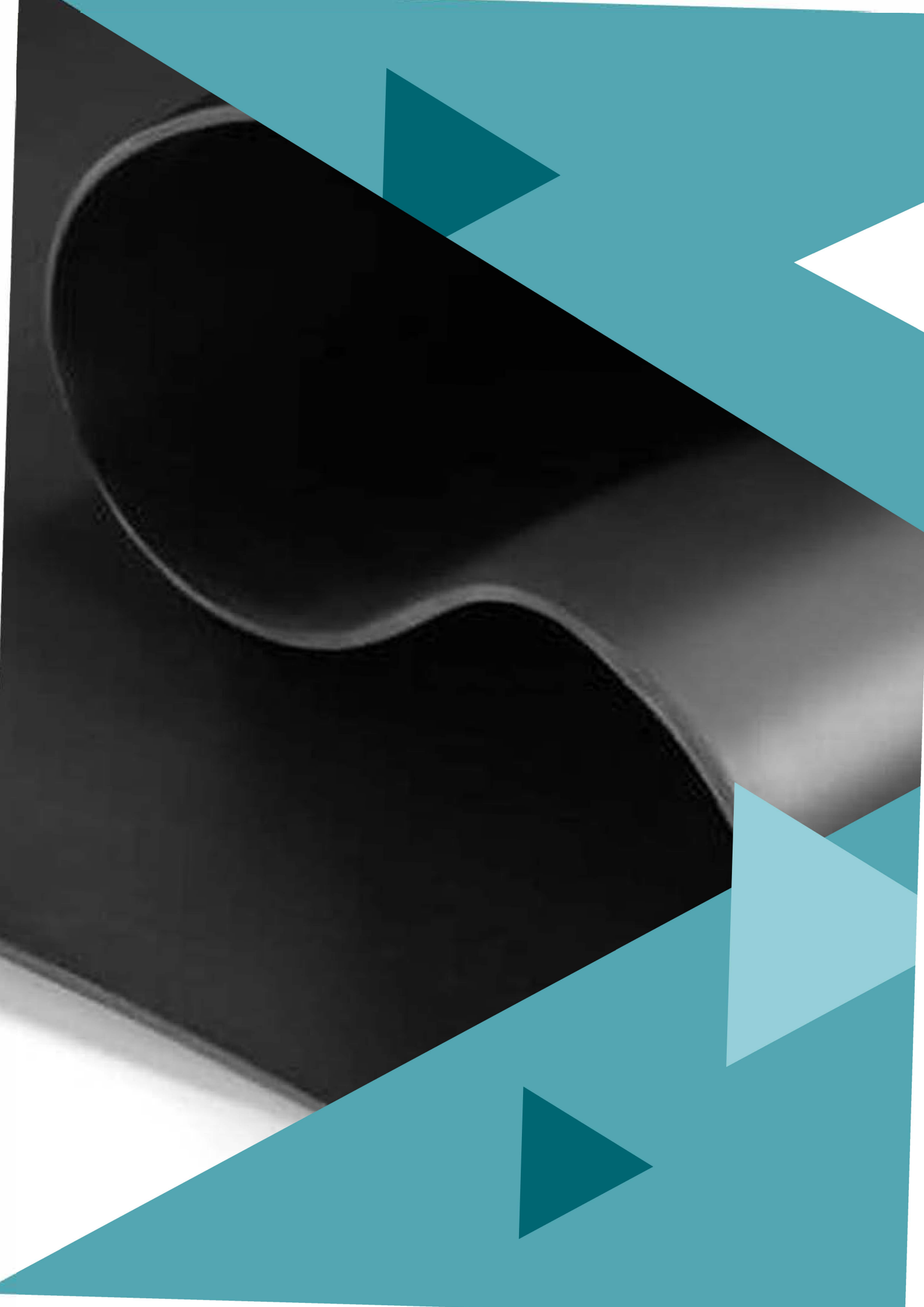
Tranquil Ecofilz Hanging Panels add color, design and modulated visibility to any space. These panels can be used to define space, control light and provide varied degrees of privacy. Available in multiple colors, these hanging panels are compatible with hanging panel track or hanging frame. These panels 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: 5mm, 7mm, & Customized Thickness.
- Colors: Wide choice of colors.
- Height: Can be customized to requirement.
- Naturally repels Soiling and Moisture
- Thermal and Acoustic insulating properties.



Design Ideas



# TRANQUIL<sup>®</sup> BLOCK



*Mass Loaded Vinyl*



High performance  
sound deadening  
membrane.



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

Tranquil Blocks is flexible Mass Loaded Vinyl (MLV) used for reducing sound transmission through WALLS, FLOORING & CEILING by providing noise isolation from unwanted sources.



## INTRODUCTION

TRANQUIL BLOCK is flexible Mass Loaded Vinyl (MLV) used for reducing sound transmission through WALLS, FLOORING & CEILING by providing noise isolation from unwanted sources

## SPECIFICATION

- ▶ Material: Mass Loaded Vinyl
- ▶ Finish: Smooth Finish
- ▶ Max. dimensions: Length-10 m,
- ▶ Thickness: 1 / 1.5 / 2 / 3mm
- ▶ Width: 1.22 / 2m
- ▶ Density: 1900 kgs / m
- ▶ 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, so easy to install on most of the surfaces.
- ▶ 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 of building elements



## APPLICATION

### Walls | Ceilings | Flooring

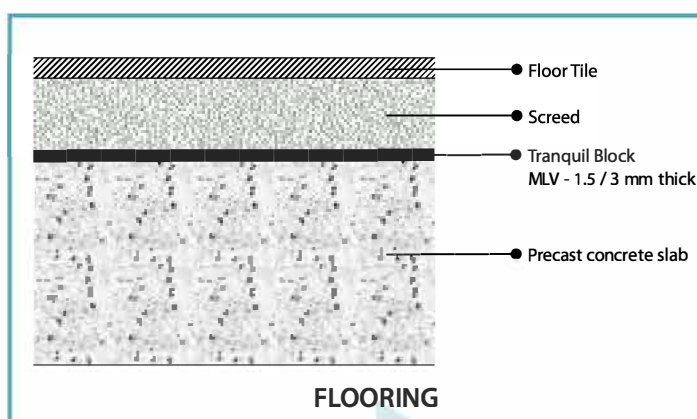
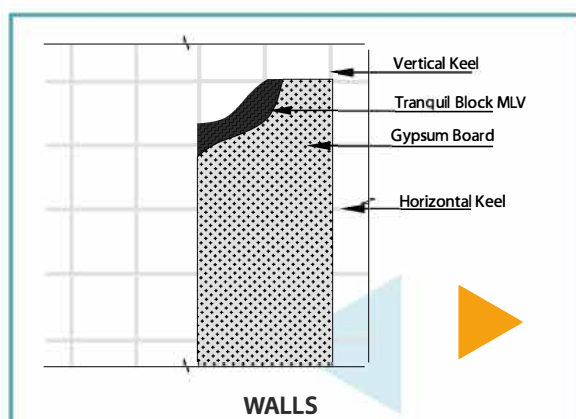
- ▶ Used as high sound isolation material, can be installed on walls, ceilings and floorings.
- ▶ Used within partitions for reducing airborne noise.
- ▶ Noise created by impact on floors can be reduced by using it below flooring or below floating floors.  
Can be used in industries for sound insulation 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/m <sup>3</sup>
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



## INSTALLATION OF SOUND ISOLATION









# TRANQUIL<sup>®</sup> ECOWOOD

*Wooden Panel Acoustical Systems*



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.

# 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 MDF, Non Fire Rated MDF, 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 MDF - 820 Kg / m<sup>3</sup>
- ▶ NRC: Upto 0.90
- ▶ Thickness: 12/15/18mm
- ▶ 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

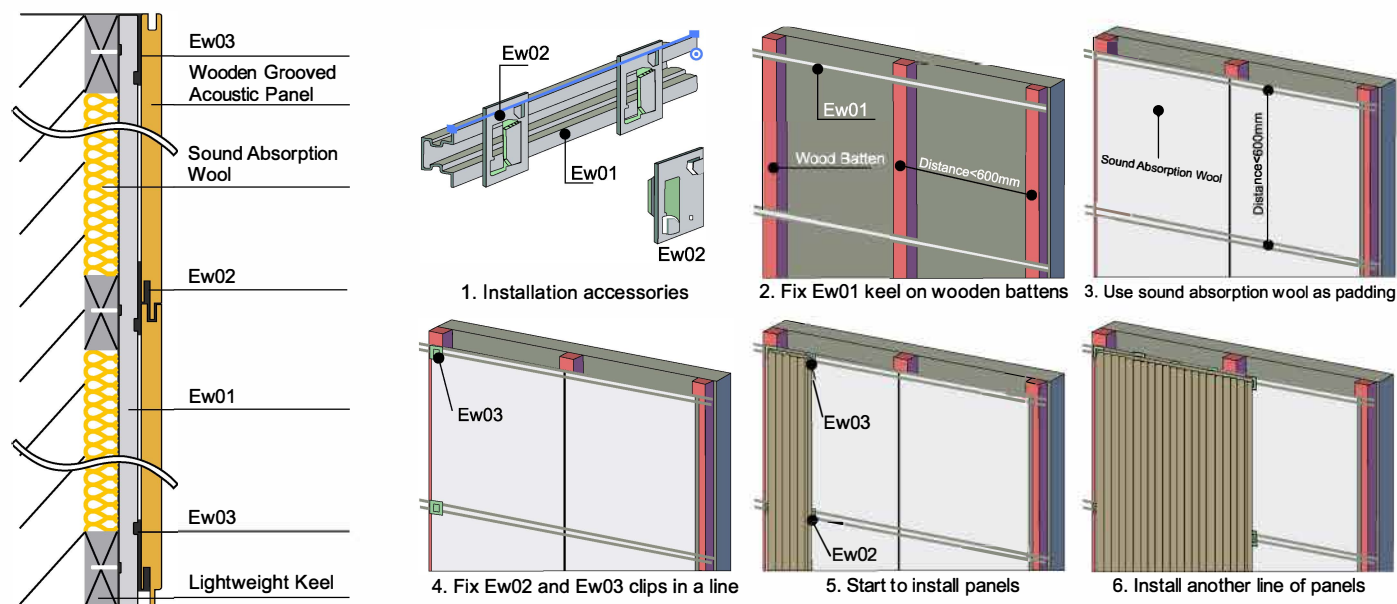


## LINEAR GROOVED PANELS

### 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



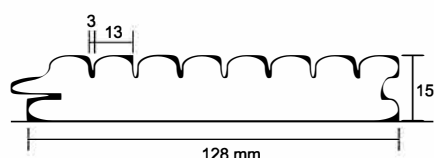
Cross-section Structure

Installation: Lightweight Steel Keel System

### LINEAR GROOVED PATTERNS



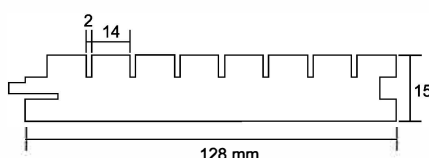
Pattern 13-3



(Pattern 13-12) Perforation Rate:12%



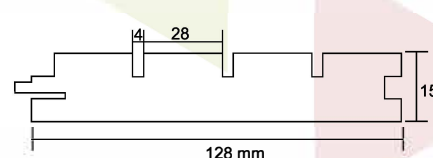
Pattern 14-2



(Pattern 14-2) Perforation Rate:7.5%



Pattern 28-4



(Pattern 28-4) Perforation Rate:7%



## 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

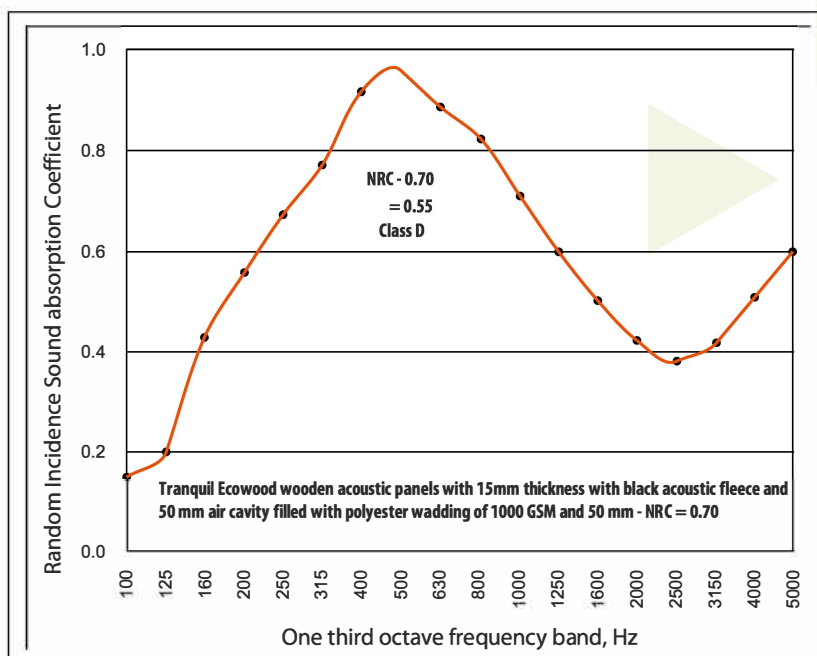


Table 1 and figure 02: Values and Plot for Random incidence sound absorption coefficient of Tranquil Ecowood Wooden Acoustic panels of 15mm thickness with black acoustic fleece and 50 mm air cavity filled with polyester wadding of 1000 GSM and 50 mm at one third octave frequencies

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

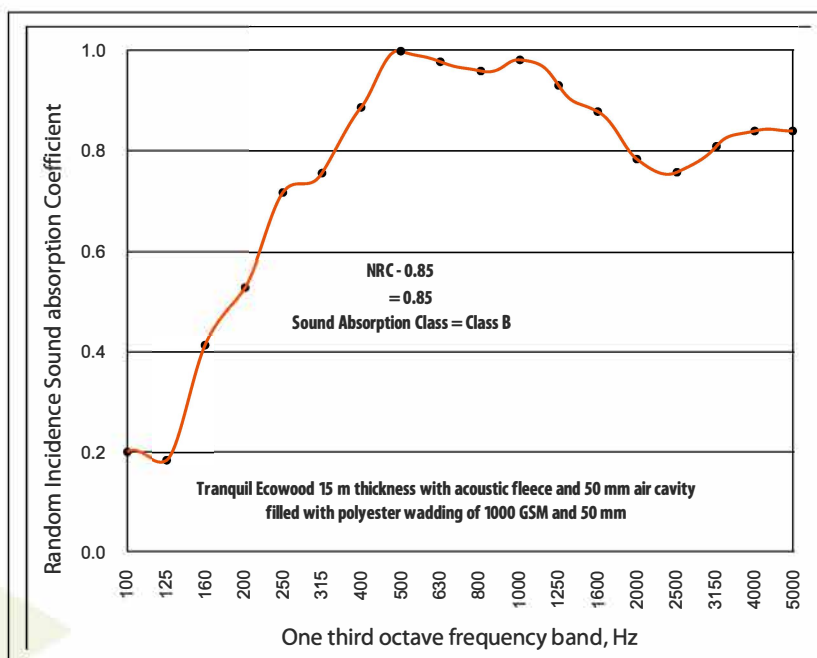


Table 1 and figure 02: Values and Plot for Random incidence sound absorption coefficient of Tranquil Ecowood Wooden Acoustic panels of 15mm thickness with black acoustic fleece and 50 mm air cavity filled with polyester wadding of 1000 GSM and 50 mm at one third octave frequencies



## APPLICATIONS



Crafted Product |  
**Acoustical-Tranquil  
Ecowood**

Client | **Microsoft, Noida**



Crafted Product |  
**Acoustical-Tranquil  
Ecowood**

Client | **Citrix, Bangalore**

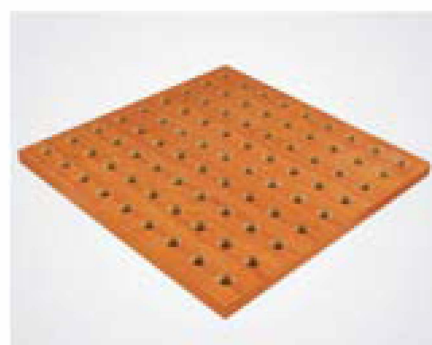
# ECOWOOD

Perforated Acoustical Panels

Tranquil Perforated Acoustic Panel is made of high quality MDF 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 E1(GB) grade

## SPECIFICATION

- ▶ Width: 600mm 11200mm 11220mm
- ▶ Length: 800mm 11200mm 12400mm 12440mm
- ▶ Thickness: 12mm 15mm 18mm
- ▶ Allowance: Width=±1mm, Length=±1mm, Thickness=±0.2mm



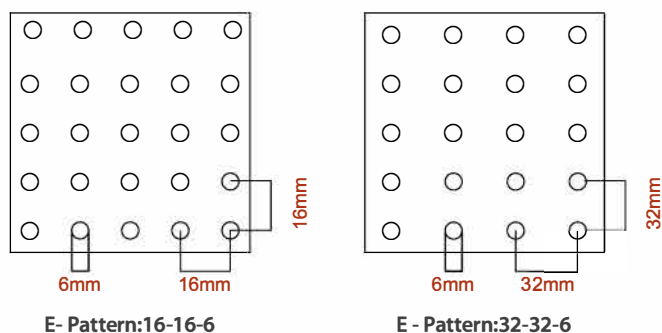
## E-Shaped holes

E: 32/12      E: 32/10

E: 16/8      E: 16/6

E: 16/4      E: 16/3

E: 5/1.5

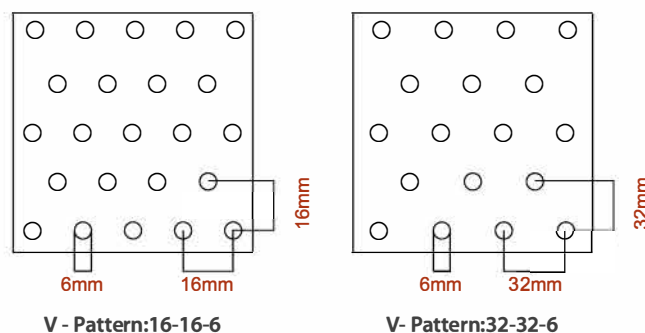


## V-Shaped holes

V: 32/12      V: 32/10

V: 16/8      V: 16/6

V: 16/4





## MICRO PERFORATED ACOUSTIC PANELS

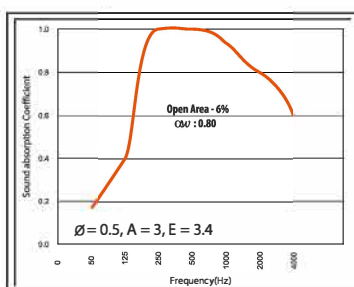
Tranquil Ecowood Micro Perforated Panel is a new generation product which merges great acoustics and up to date design. These panels can be used for both wall linings and ceilings planking. There are two types of perforations available with 0.5mm and 1mm holes. Perforated surface panel with 0.5mm holes 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

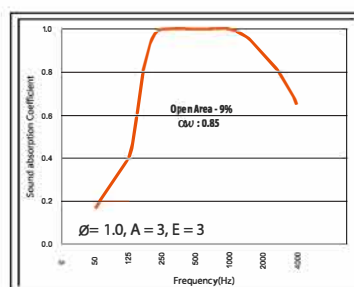
- ▶ Perforation: 0.5mm & 1.00mm
- ▶ MDF: Fire Rated or Moisture Resistant MDF
- ▶ Surface Finishing: Veneer, HPL, Colored
- ▶ Thickness: 16mm & Custom
- ▶ Sizes: 600\*600, 1200\*600, 1200\*1200
- ▶ Installation: Aluminium Profile System of Ecowood Tiles.



**Eco Prima 0.5**



**Eco Prima 1.0**



*0.5 mm Micro Perforation*



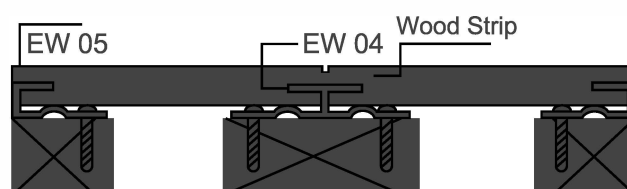
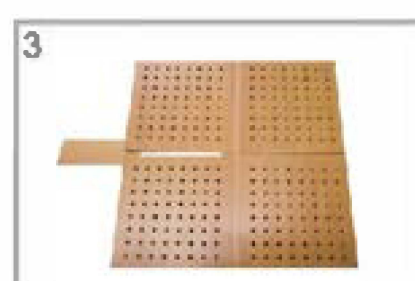
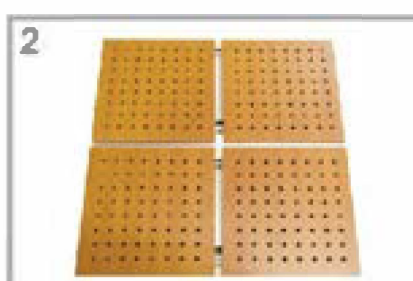
*1.0 mm Micro Perforation*





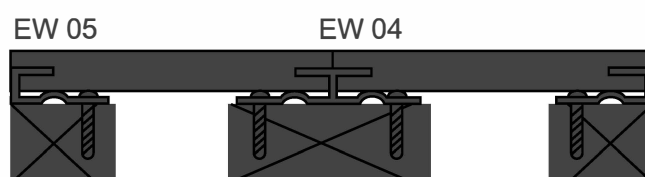
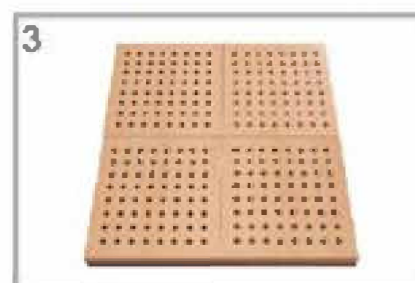
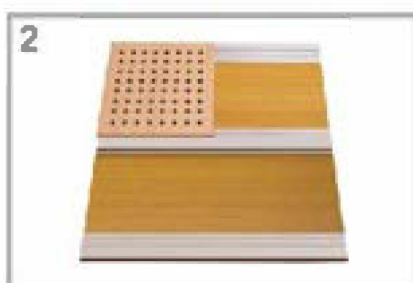
## INSTALLATION

### Installation System I (with gap)

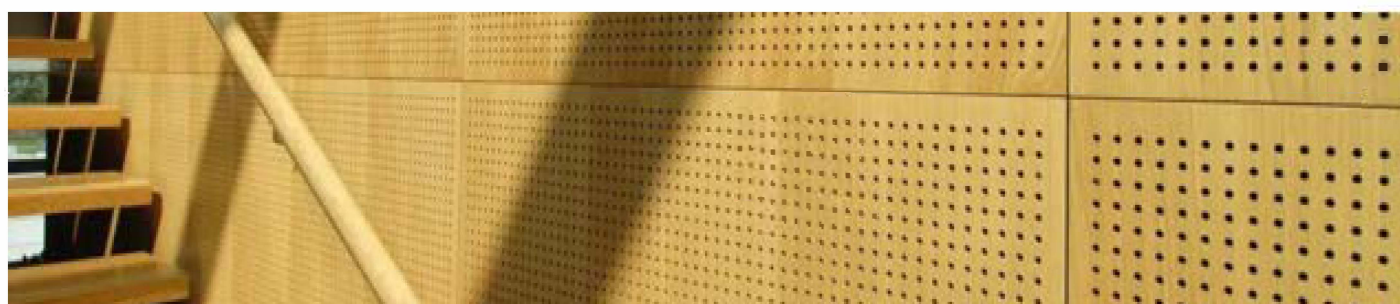


Cross-section Structure

### Installation System II (without gap)



Cross-section Structure

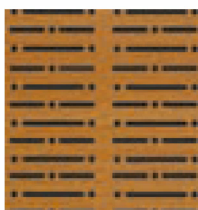


## DESIGN PATTERNS

### CUSTOM DESIGNS



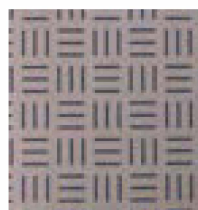
CS 1001



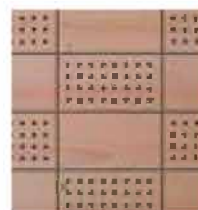
CS 1002



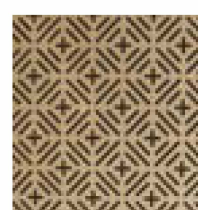
CS 1003



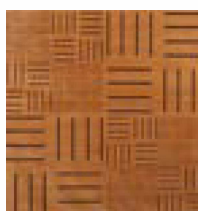
CS 1004



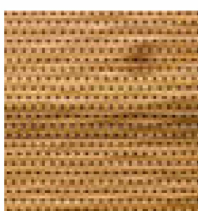
CS 1005



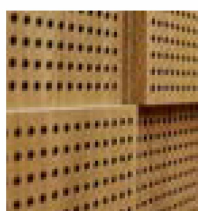
CS 1006



CS 1007



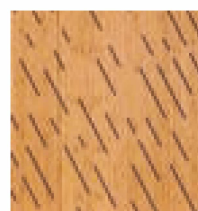
CS 1008



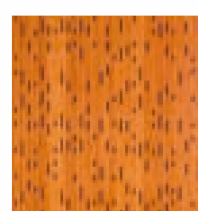
CS 1009



CS 1010



CS 1011



CS 1012



CS 1013



CS 10014



S56D Slots



S56 Slots



S32 Square

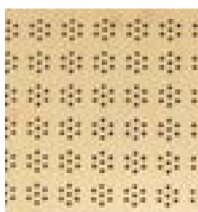


S1100 Slots Offset

### PERFORATED



*P616D Holes*



*Pf3 Holes*



P616 Holes



*P416 Holes*



P816 Holes



P932 Holes



Pf1 Holes



*P316 Holes*



Pf05

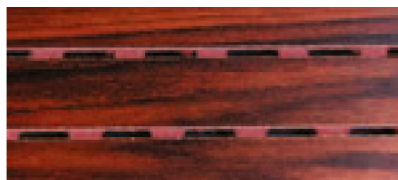




## COLOR PATTERNS



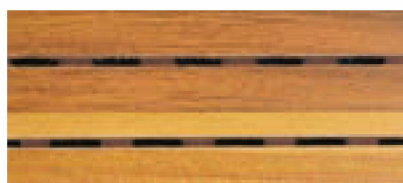
TREW 015 Bliss Walnut



TREW 025 Brazilian Cherry



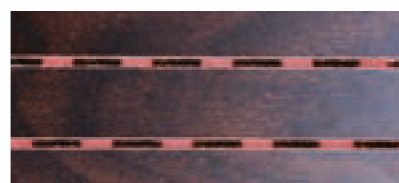
TREW 019 Tuscany Walnut



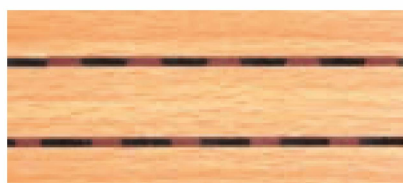
TREW 042 Plateau Teak



TREW 028 Portland Oak



TREW 045 Dark Oak



TREW 046 Atlas Cherry



TREW 048 Beech



TREW 028 Porland Oak



TREW 007 Oak White



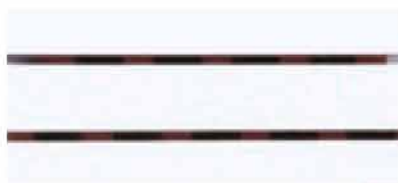
TREW 101 Bright White



TREW 011 Light Cherry



TREW 012 Frosty Grey



TREW 014 Arctic White



TREW 020 Maple



TREW 026 Silver Grey



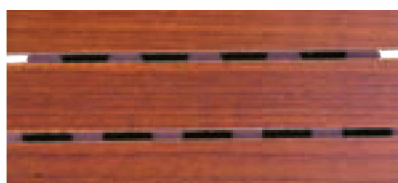
TREW 027 Cognac



TREW 035 Brazilian Cherry



TREW 043 Merban

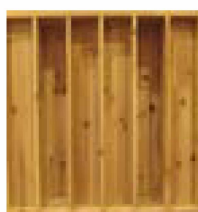


TREW 052 Borneo Teak

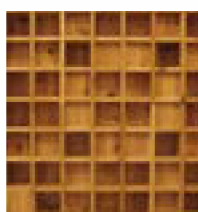
*\*The product color may vary due to photographic lighting sources.*



## DIFFUSERS



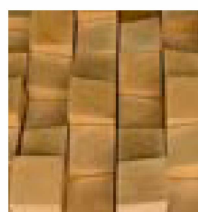
1D Diffuser



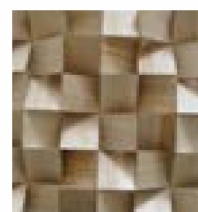
2D Diffuser



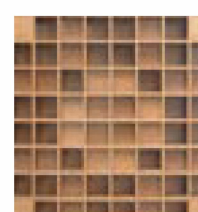
3D Pyramid Diffuser



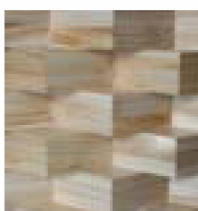
Diffuser 36



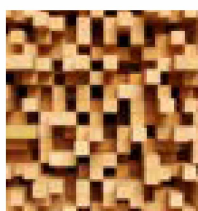
Diffuser 101



Diffuser 104



Diffuser-J10



Diffuser 6020



Diffuser-DF-30



Diffuser 105



Diffuser 106



Diffuser-6T



Pyramid



Radius

## LINEAR



Grooves 168



Grooves 324



Grooves 816



## APPLICATIONS













# TRANQUIL<sup>®</sup> 3D

## *Acoustical Systems Panels*



Tranquil 3D Panels 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 need absorptive panels with great look.



# 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

### 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 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



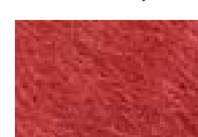
TREC 13 Black



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

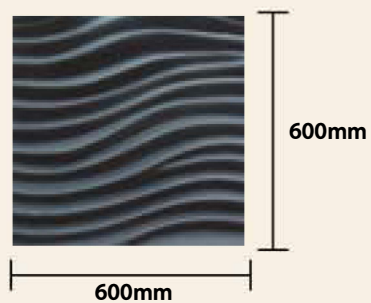
### SPECIFICATIONS

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
NRC	0.65 - 0.85

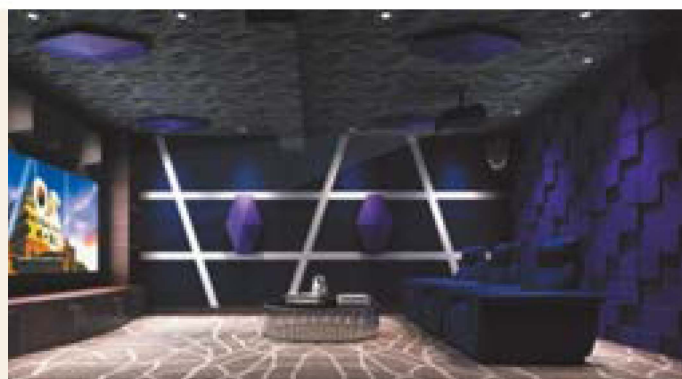
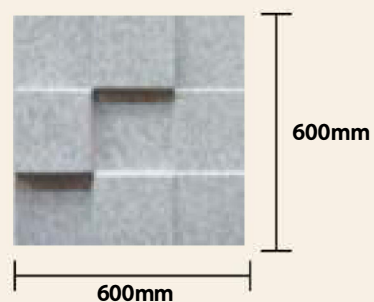


## 3D PANEL TILES

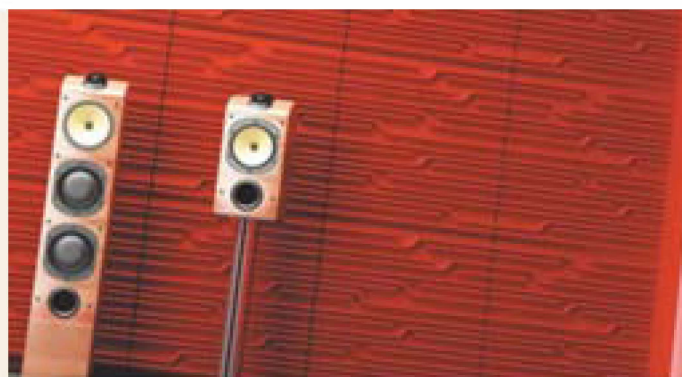
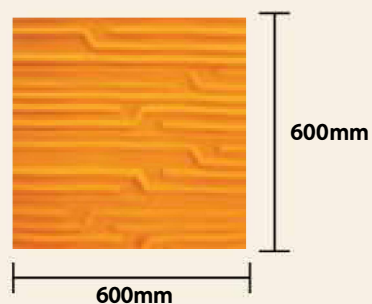
*High Waves*  
017E



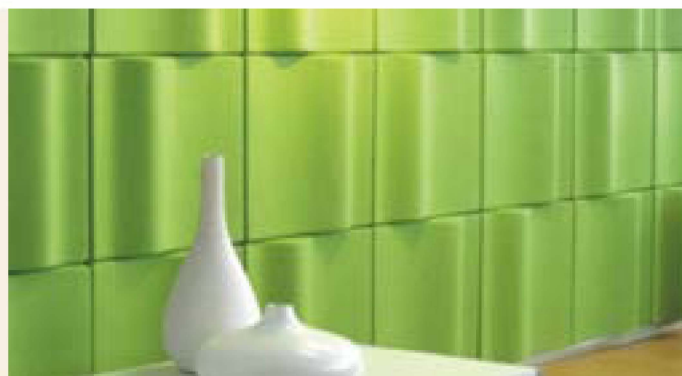
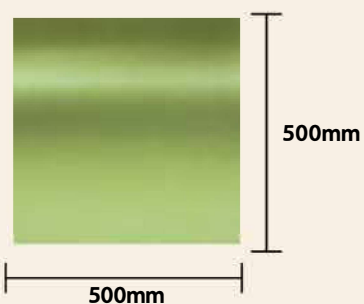
*Square 3D*  
015E



*Light* 018E



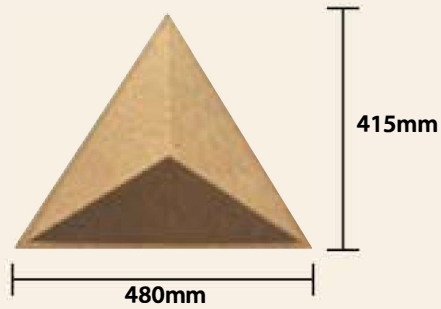
*Arc* 004B



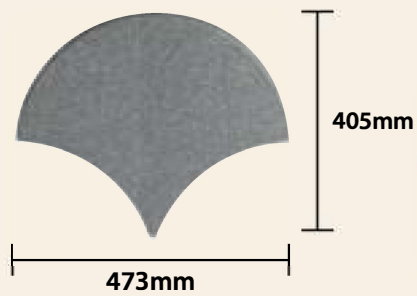
# 3D Polyester Fibre Acoustic Panel

## 3D PANEL TILES

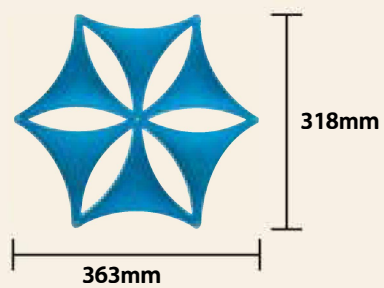
*Cone 34C*



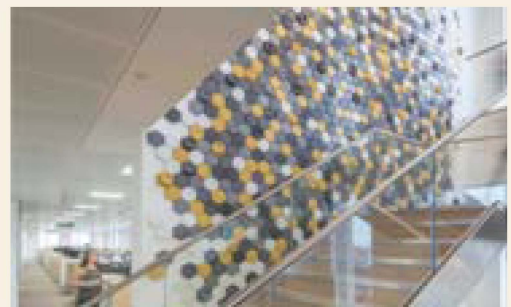
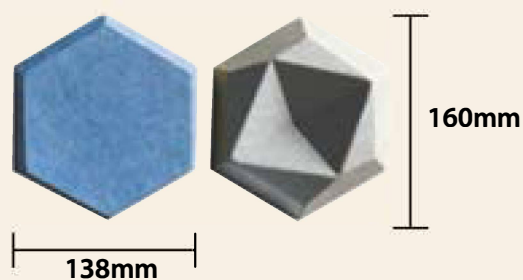
*Fin 032C*



*Hexagon 35C*



*Hex Whirl 033C*

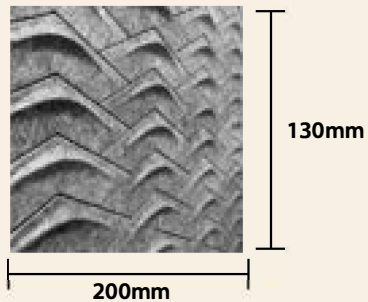




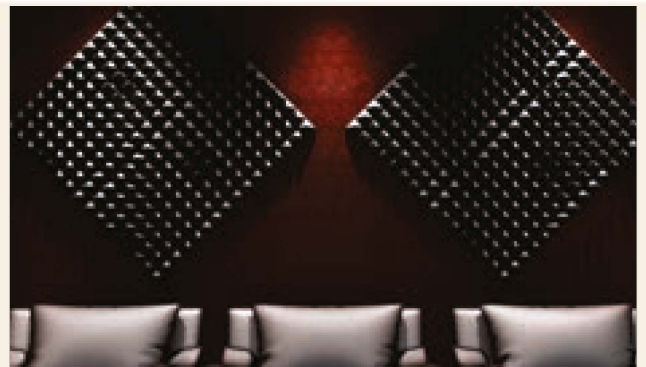
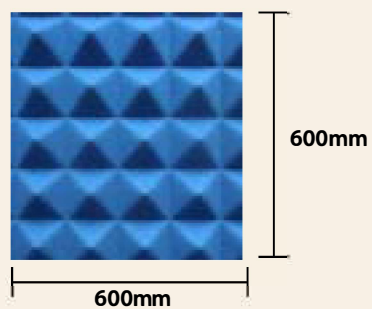
# 3D Polyester Fibre Acoustic Panel

## 3D PANEL TILES

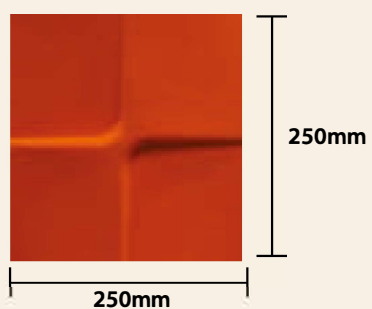
*Boomer  
031C*



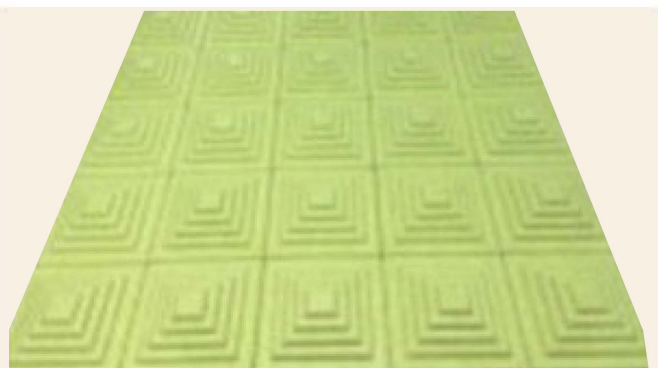
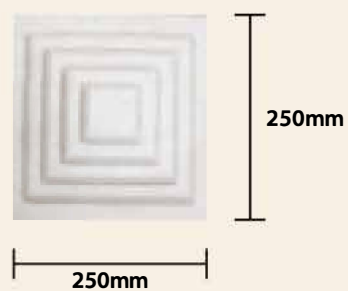
*Pyramid 061E*



*Hour Glass  
026A*



*Square Whirl  
024A*





## 3D PANEL TILES

*Ball 025A*

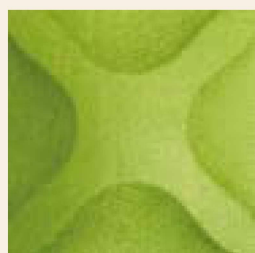


250mm

250mm

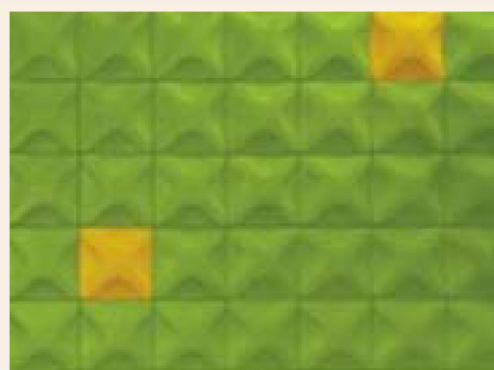


*Floral 023A*

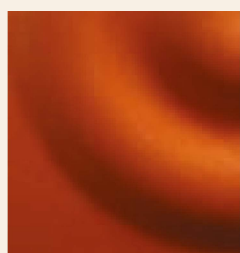


250mm

250mm

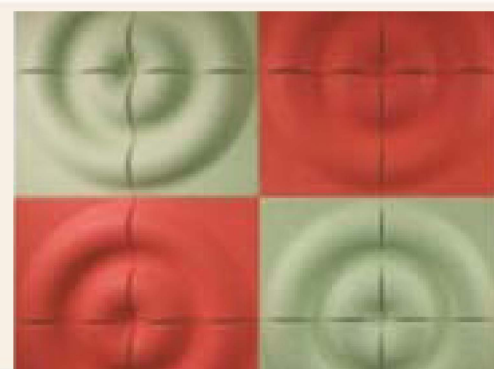


*Spiral 029E*



600mm

600 mm

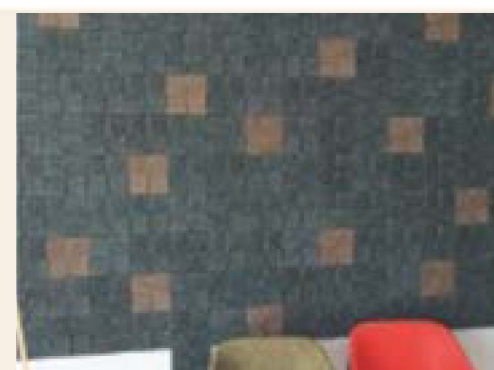


*Cube 022A*



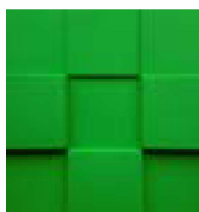
250mm

250 mm





## DESIGNS



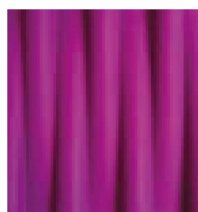
Square 3D 011E



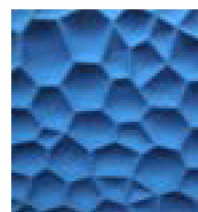
Twig 006B



Oblique 005B



Weave 002A



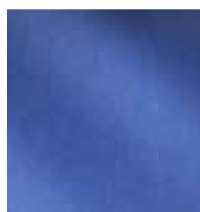
Seashell 013E



Wave 010E



Leaves 009E



Arc Diagonal 003B



Board 001A



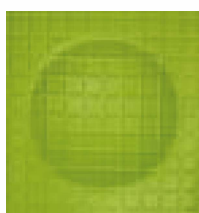
Code 014E



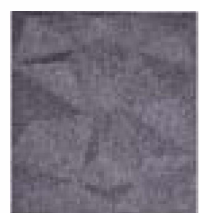
Crater 007C



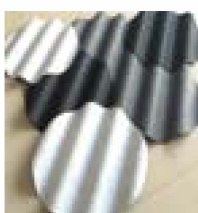
Shadow 015E



Cupoid 027E



Rock 024K



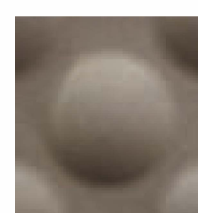
Chip 030C



Mountain 021A



Pan 028E



Spheres 028E

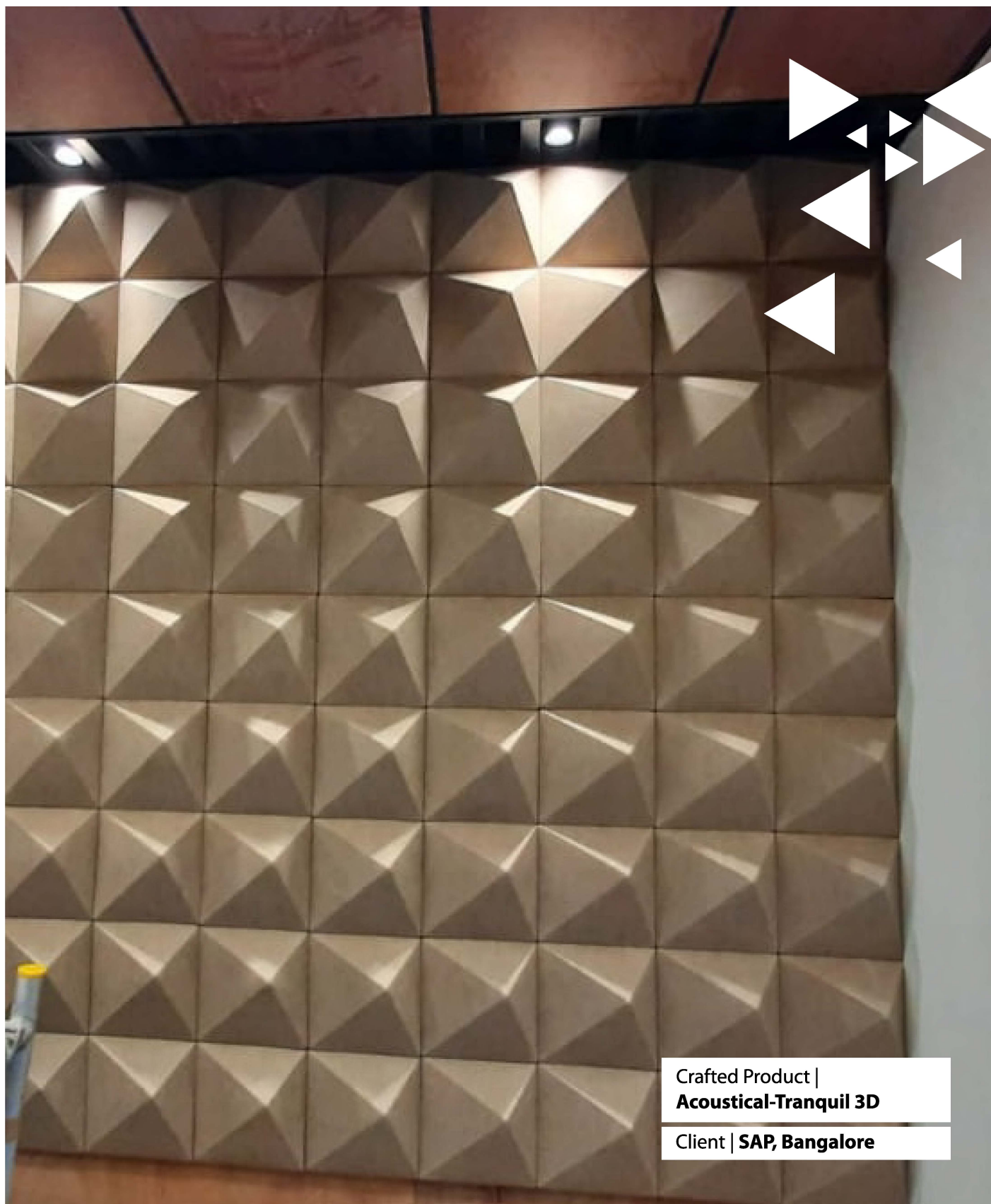




# 3D *Polyester Fibre Acoustic Panel*

## MORE DESIGNS





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

Client | **SAP, Bangalore**



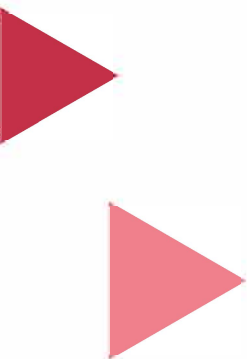
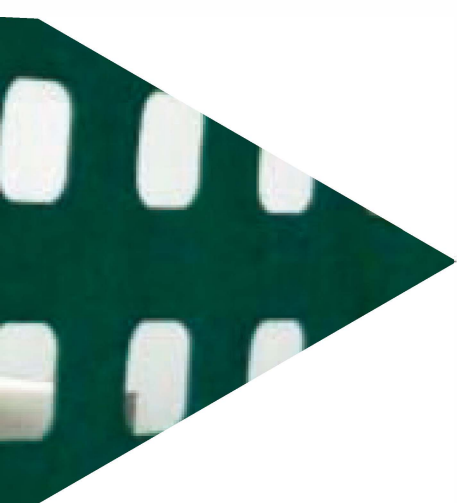






TRANQUIL<sup>®</sup>  
**FILZ**

*Woollen Acoustical Systems 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 sustainability

## 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



686 Enzian



713 Kiwi



732 Farn



## NATURAL COLORS



100 Wollweib



110 Rohweib



150 Weib



160 Beige



170 Asche



175 Graphite



200 Natur



220 Rahbraun



250 Truffelbraun



300 Anthrazit

## UNI COLORS



124 Gelb



131 Honig



151 Hellorange



173 Mango



179 Hellrot



180 Terracotta



201 Rot



209 Bordeaux



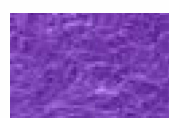
231 Rosa



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



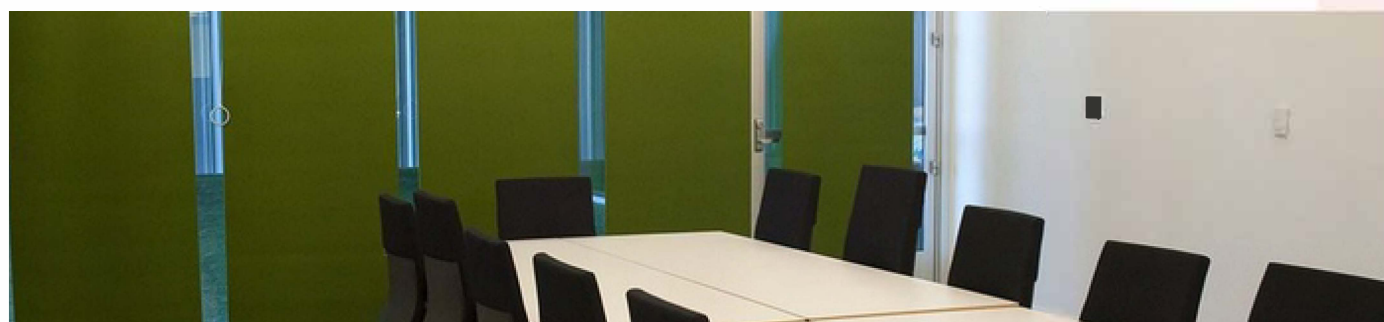
476 Schoko



497 D'Braun



548 Turkis

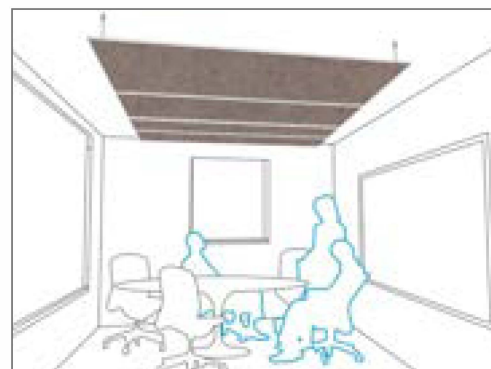






## TRANQUIL FILZ CLOUDS

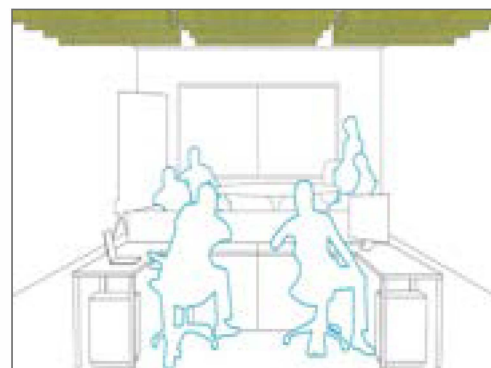
- ▶ TRANQUIL FILZ CLOUDS is a collection of acoustic solutions that effectively (and beautifully) abate sound reverberation.
- ▶ Available in almost 63 colors of 3mm Wool Design Filz or 33 colors of 2mm Wool Design Filz.
- ▶ TRANQUIL FILZ CLOUDS is suspended with standard suspension hardware that allows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

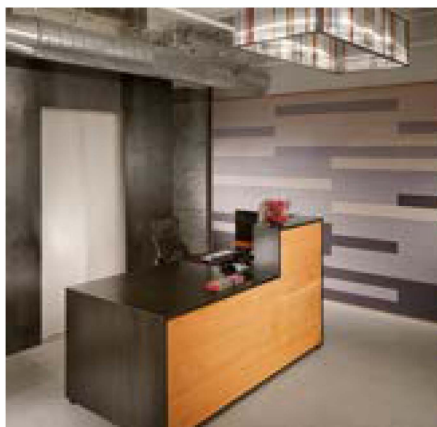
- ▶ Sweeping movement across multiple panels, which is created from horizontally transforming parallelograms.
- ▶ The panels define space, control light and view, and provide varied degrees of privacy.
- ▶ Available in 43 colors of 5mm Wool Design Filz, these hanging panels are compatible with Hanging 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.



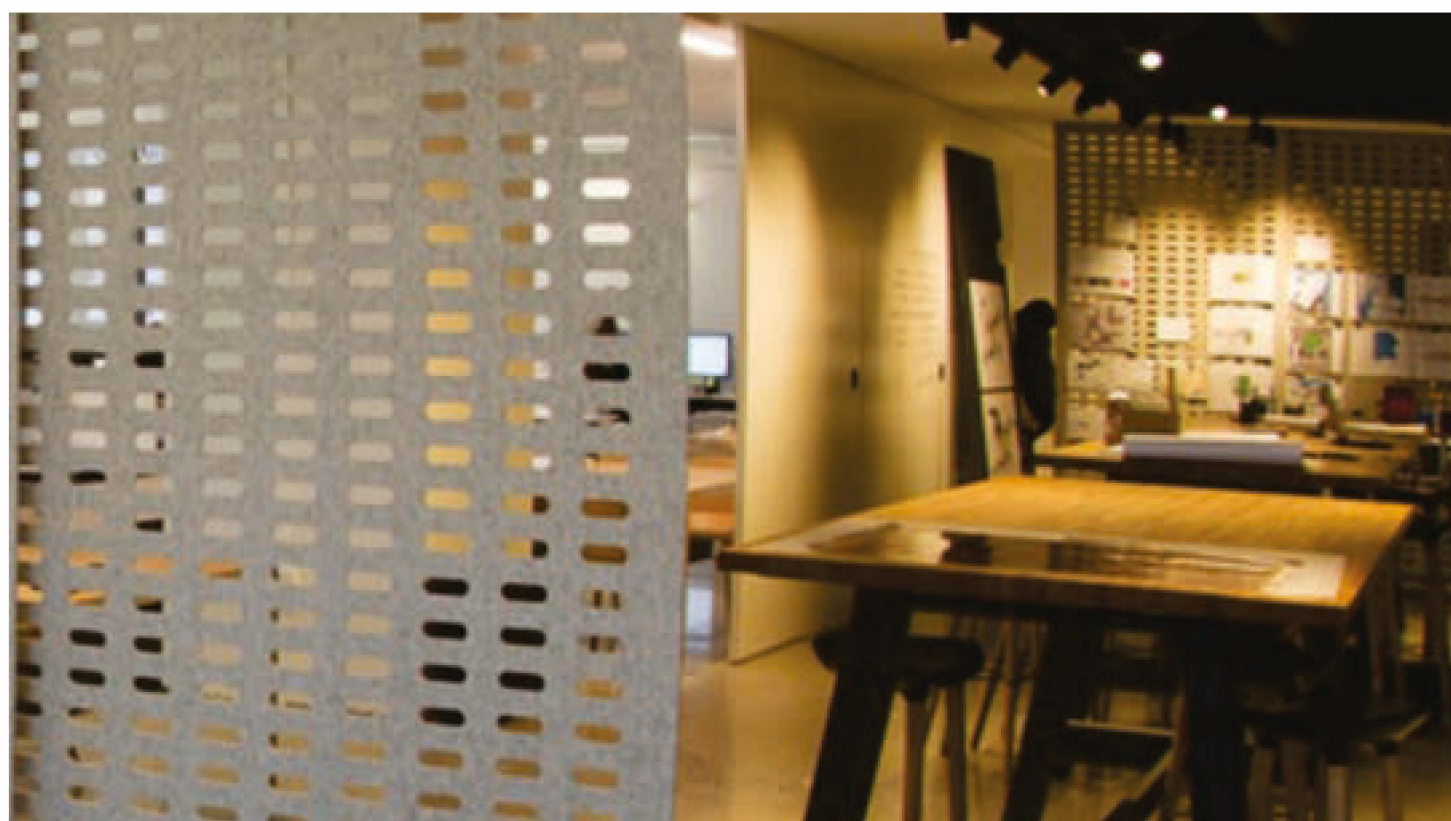
# FILZ *Woollen Acoustical Systems Panels*

## AKUSTIKA WALL

- ▶ Akustika Wall is a wall-mounted acoustic system with 3mm Wool Design Filz flush-mounted to one side or 2mm Design Filz wrapped around an ultra-thin acoustic substrate.
- ▶ Available in customizable sizes in 63 colors.
- ▶ Akustika Wall achieves up to a 0.75 Noise Reduction.













# TRANQUIL<sup>®</sup> APS

*Glass Wool Insulation*



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 right materials in the context of building design.



## 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 <sup>2</sup> ·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	
	TR BIR 24100	24	100	1200	0.035	2.80	1	

Conductivity Value tested under temperature in 23°C

Consult your local sales representative for other available sizes and specification



## 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 performance

### APPLICATIONS

Typically used as an internal lining for air conditioning duct work

#### FACING COLOR



FSK



Vinyl



Black Tissue

#### PRODUCT COLOR



Fiberglass



Fiberglass

# 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

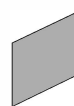
### FEATURES AND BENEFITS

- ▶ Water-based, formaldehyde-free binder technology
- ▶ Excellent thermal and acoustic properties
- ▶ Excellent moisture resistance
- ▶ High recovery for maximum yield and R-value

### APPLICATIONS

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

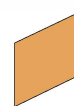
### FACING COLOR



FSK



Vinyl



Kraft

### PRODUCT COLOR



Fiberglass





# TRANQUIL<sup>®</sup>

## Acoustical Systems

### APPLICATIONS

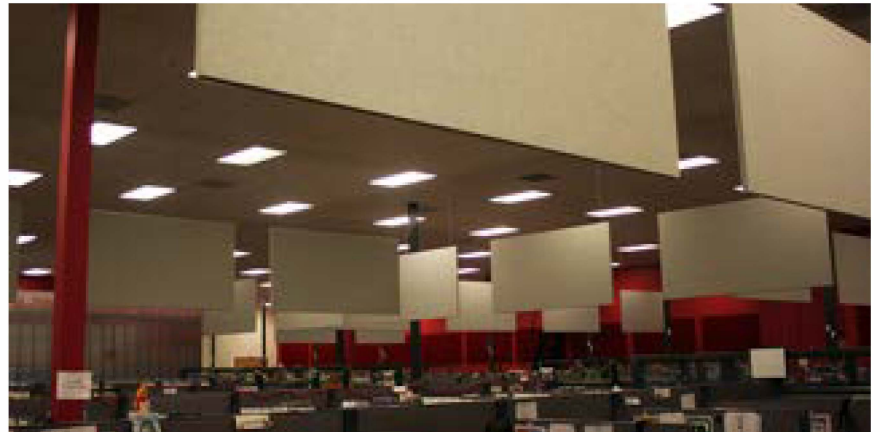
#### EDUCATION

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



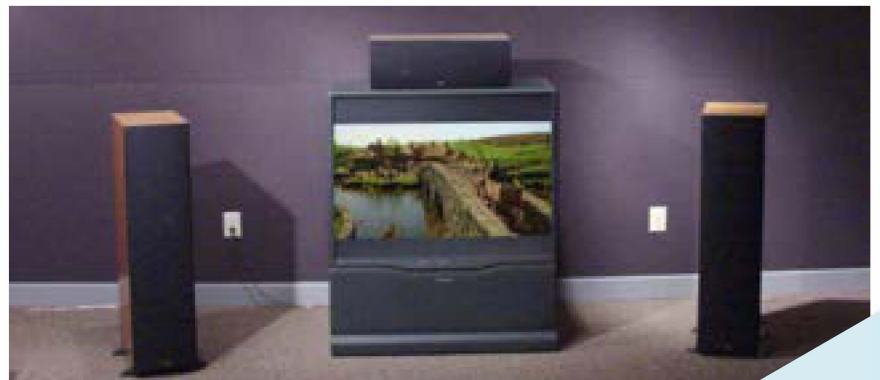
#### BUSINESS & CORPORATE

- ▶ 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.



APS  
ECOCORE  
ECOWOOD  
3D  
BLOCK  
FILZ



## HOSPITALITY

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



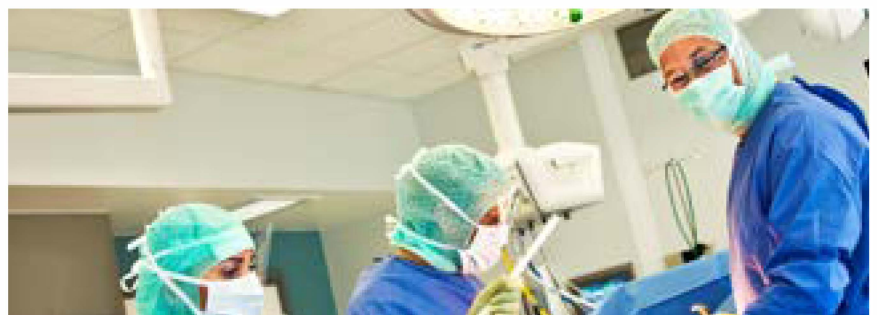
## THEATRES & AUDITORIUMS

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



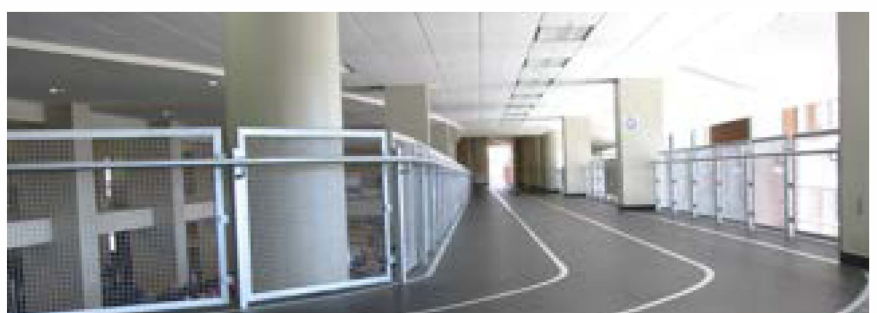
## HEALTHCARE

- ▶ 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..





## Clientele

