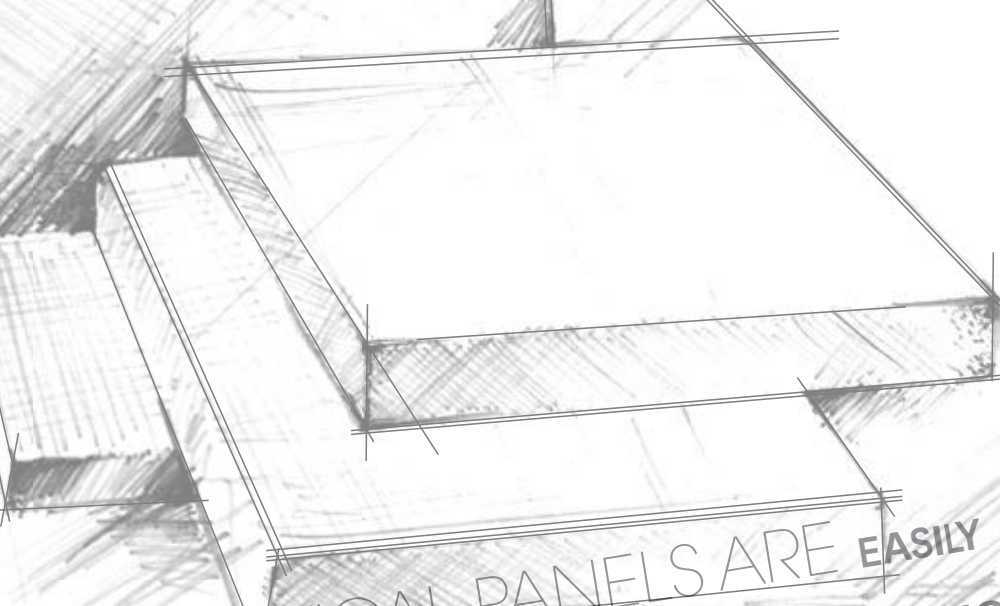


Fabrisorb - DECO





ACOUSTICAL PANELS ARE EASILY
MOUNTED TO WALLS, CEILINGS, PARTITIONS, OR ANY
OTHER FLAT SURFACES. OFFERED IN A VARIETY
OF COLORS, SIZES AND EDGE DETAILS ALLOWS MAXIMUM
DESIGN AND PLACEMENT FLEXIBILITY. ...

0
2



Fabrisorb-DECO





Fabrisorb-DECO

- ➔ ACOUSTIC WALL PANELS
- ➔ ACOUSTIC CEILING CLOUDS
- ➔ ACOUSTIC CEILING BAFFLES
- ➔ ACOUSTIC DESIGNER TILES

Fabrisorb-DECO decorative sound absorbing panels are great for offices, schools, meeting rooms, music rooms, hotels, auditoriums, recording studios, broadcasting studios. These acoustic wall panels are perfect for any space where good speech privacy or speech intelligibility is important.



FEATURES



- Aesthetically pleasing
- High sound absorption performance
- Available with various edges and colours
- Fire resistant
- Environmentally friendly
- Humidity resistance
- Easily cleanable and can be vacuumed
- Easy to apply



Fabrisorb-DECO

ACOUSTIC WALL PANELS

These are acoustically enhanced wall panels designed for all kinds of walls that improve the acoustic qualities of all spaces. These edge hardened acoustic panels come without an internal frame making it extremely lightweight and perfect for all mounting techniques. The construction and integrity of frameless panels starts with a rigid fibre glass core which is extremely effective at absorbing sound. The fabric is evenly and tightly stretched across the core to avoid any kind of wrinkle or such deformation issues. Borders are also taken care of to form impact resistant and hard edges.

»» APPLICATIONS

Fabrisorb-DECO decorative fabric wrapped acoustic panels provide high-performance noise and reverberation reduction. From movie theaters to home music production studios, Fabrisorb wall panels help you create a space that is both visually and acoustically pleasing. The choice of fabrics makes them look appealing at the same time they optimize the acoustics requirements of the space such as classrooms, auditoriums, multi-purpose halls, office spaces etc.



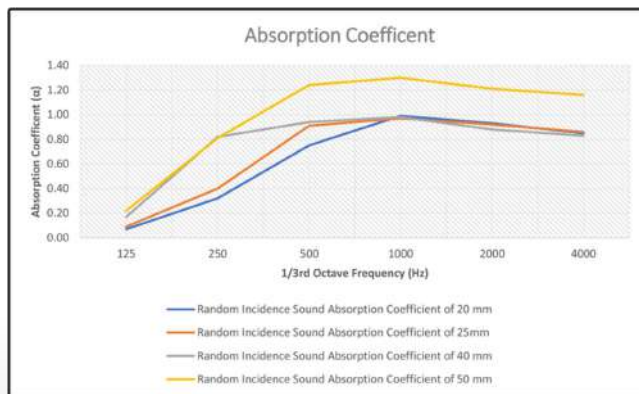
Fabrisorb-DECO

PRODUCT SPECIFICATION

Core	96kg/m3 Fiberglass Insulation with tissue facing
Thickness (mm)	20 - 25 —40 - 50 mm, custom thickness are also available
Sizes (mm)	600 x 600 - 600 x 1200 - 1000 x 1200 - 1000 x 2400 & many more custom sizes
Acoustic Properties	NRC 0.75 - 1.15 (varies with thickness and mounting)
Edges	Concealed and Hardened
Edge Finishes	Square / Radius / Bevel / Half Bevel
Facing	Fabric
Colors	Wide range of standard colors. Also available in custom colors
Flammability	Tested as per ASTM E84 and classified as Class A
Mounting Type	Type A, E200 & E400
Installation	Adhesive, Velcro, Impaling clips, Z clips etc

SOUND ABSORPTION COEFFICIENTS

Sound Absorption Coefficients							
Thickness	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	NRC
20mm	0.07	0.32	0.75	0.99	0.93	0.85	0.75
25mm	0.09	0.40	0.91	0.97	0.92	0.86	0.80
40mm	0.17	0.82	0.94	0.98	0.88	0.83	0.90
50mm	0.22	0.81	1.24	1.30	1.21	1.16	1.15



05

>> ACOUSTICAL CEILING CLOUDS

These are acoustic ceiling clouds that suit all types of ceilings. These clouds improve the acoustic qualities of all types of spaces.



06

FABRISORB-DECO

>> APPLICATIONS

Fabrisorb-DECO ceiling tiles comes in various textures, designs, and colour options. These ceiling tiles aid in noise reduction by absorbing sound within a space and help prevent loud environments and reduce the reverberant energy or echoes. These work great in rooms with hard flooring, or surfaces where the sound bounces from wall to wall and floor to ceiling. Its perfect for classrooms, theatres, auditoriums, meeting rooms, office spaces, corridors, sports facilities such as gyms etc

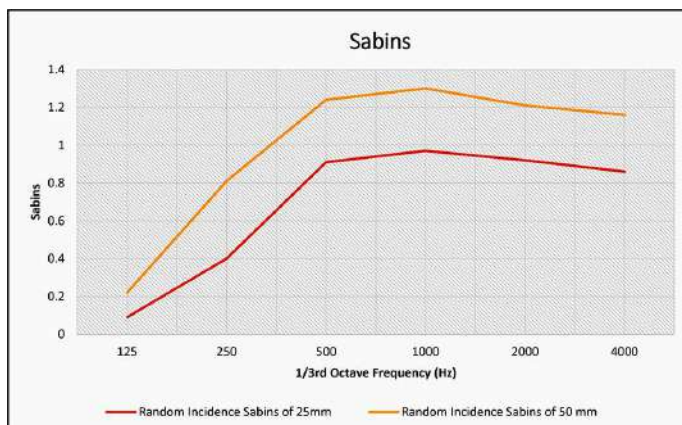


PRODUCT SPECIFICATION

Core	96kg/m3 Fiberglass Insulation with tissue facing
Thickness (mm)	20 - 25 - 40 - 50 mm, custom thickness are also available
Sizes (mm)	600 x 600 - 600 x 1200 - 1200 x 1200 & many more custom sizes
Acoustic Properties	NRC 0.75 - 1.15 (varies with thickness and mounting)
Edges	Concealed and Hardened
Edge Finishes	Square / Radius / Bevel / Half Bevel
Facing	Fabric
Colors	Wide range of standard colors. Also available in custom colors
Flammability	Tested as per ASTM E84 and classified as Class A
Mounting Type	Type A, E200 & E400
Installation	Adhesive, Velcro, Z clips, Aluminum laying channels etc

SOUND ABSORPTION COEFFICIENTS

Sound Absorption Coefficients							
Thickness	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	Sabins
25mm	4.55	6.20	8.42	12.83	14.35	14.28	10.45
50mm	4.48	8.00	13.20	17.93	16.98	16.35	14.02



FABRISORB-DECO

>> ACOUSTICAL BAFFLES

THESE ACOUSTICALLY ENHANCED BAFFLES IMPROVES THE ACOUSTICS AND AESTHETICS OF THE SPACE AT THE SAME TIME. THEY FIND AT MOST IMPORTANCE WHERE WALL TREATMENT IS A CONCERN. THEY FIND GREATER APPLICATIONS IN CAFETERIAS, HALLS AND STADIUMS.

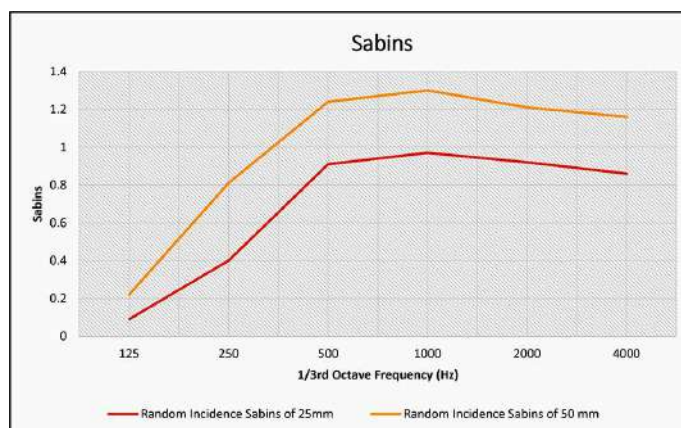


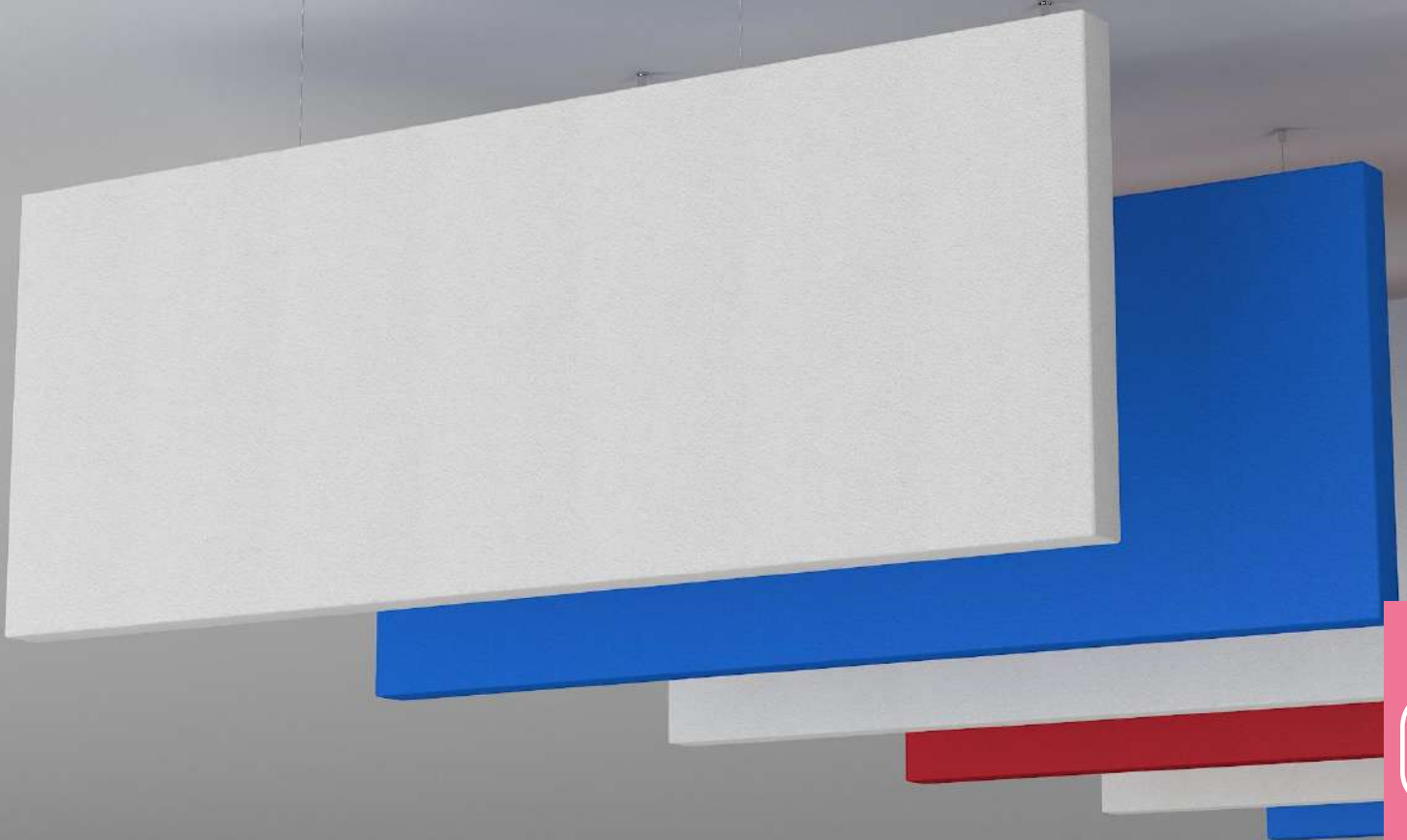
>> APPLICATIONS

Fabrisorb-DECO acoustic baffles or clouds are generally dropped or suspended and are apt for spaces where accommodating more acoustic treatment in limited space is a concern. It will work perfectly in spaces such as open offices, swimming pools, multi-purpose halls, sports arena, restaurants, showrooms etc

SOUND ABSORPTION COEFFICIENTS

Sound Absorption Coefficients							
Thickness	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	Sabins
25mm	4.55	6.20	8.42	12.83	14.35	14.28	10.45
50mm	4.48	8.00	13.20	17.93	16.98	16.35	14.02





PRODUCT SPECIFICATION

Core	96kg/m3 Fiberglass Insulation with tissue facing
Thickness (mm)	40 - 50 mm,custom thickness are also available
Sizes (mm)	600 x 600 - 600 x 1200 - 1200 x 1200 & 600 x 2400 many more custom sizes
Acoustic Properties	NRC 0.90 - 1.15 (varies with thickness and mounting)
Edges	Concealed and Hardened
Edge Finishes	Square
Facing	Fabric
Colors	Wide range of standard colors. Also available in custom colors
Flammability	Tested as per ASTM E84 and classified as Class A
Installation	Twist springs,Wire Clips etc.

FABRISORB-DECO

ACOUSTICAL DESIGNER PANELS

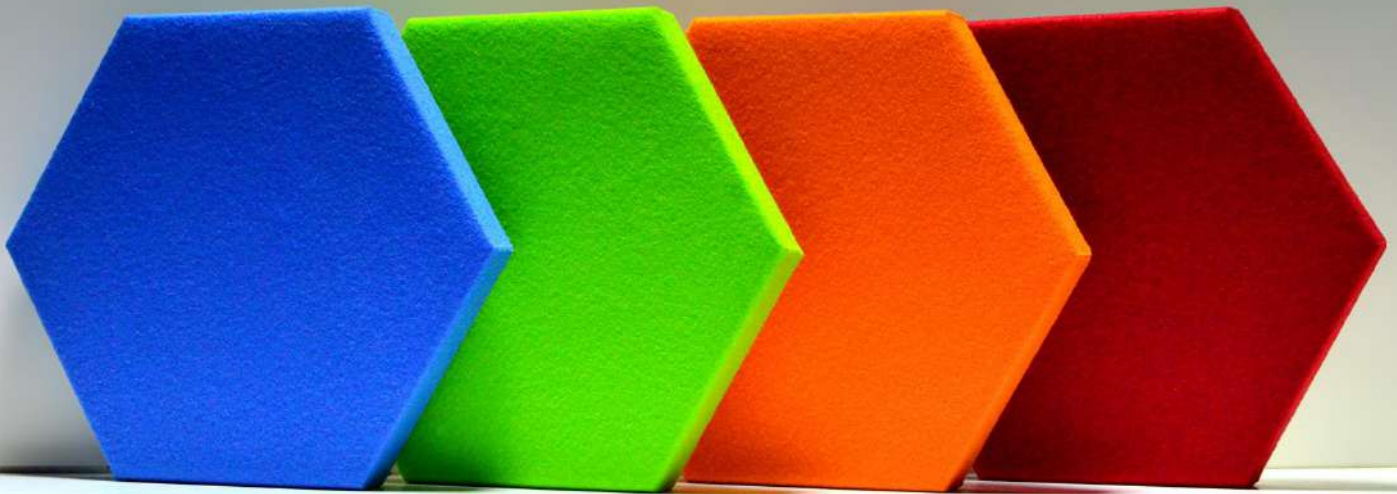
These acoustically decorative designer panels are designed for all spaces where aesthetics along with reflected noise from walls are a concern. They also add a 3D effect to the whole space which improves the overall looks of the space. They are highly recommended for spaces such as cinemas, schools, halls, museums

» APPLICATIONS

Fabrisorb-DECO designer panels are custom made on client requirements in varying thickness and colour choices. These can be a perfect multiuse panel which will treat the spaces acoustically and will give a pleasing aesthetic look. These panels are perfect for theatres, home cinemas, studios, meeting rooms, listening rooms etc.



FABRISORB-DECO

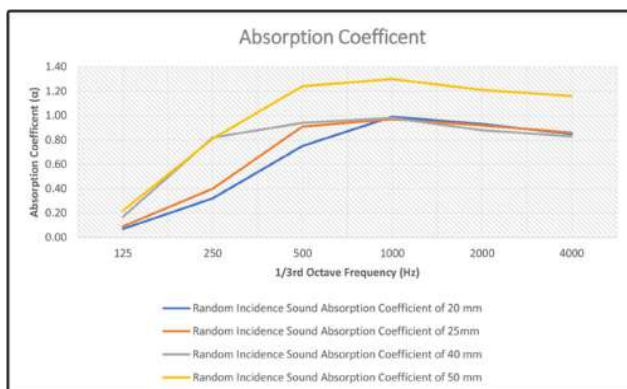


PRODUCT SPECIFICATION

Core	96kg/m3 Fiberglass Insulation with tissue facing
Thickness (mm)	20mm - 150mm, custom thickness are also available
Sizes (mm)	600 x 600 - 600 x 1200 & many more custom sizes
Acoustic Properties	NRC 0.75 - 1.15 (varies with thickness and mounting)
Edges	Concealed and Hardened
Edge Finishes	Square / Radius / Bevel / Half Bevel
Facing	Fabric
Colours	Wide range of standard colors. Also available in custom colors
Flammability	Tested as per ASTM E84 and classified as Class A
Mounting Type	Type A, E200 & E400
Installation	Adhesive, Velcro , Impaling clips , Z clips etc

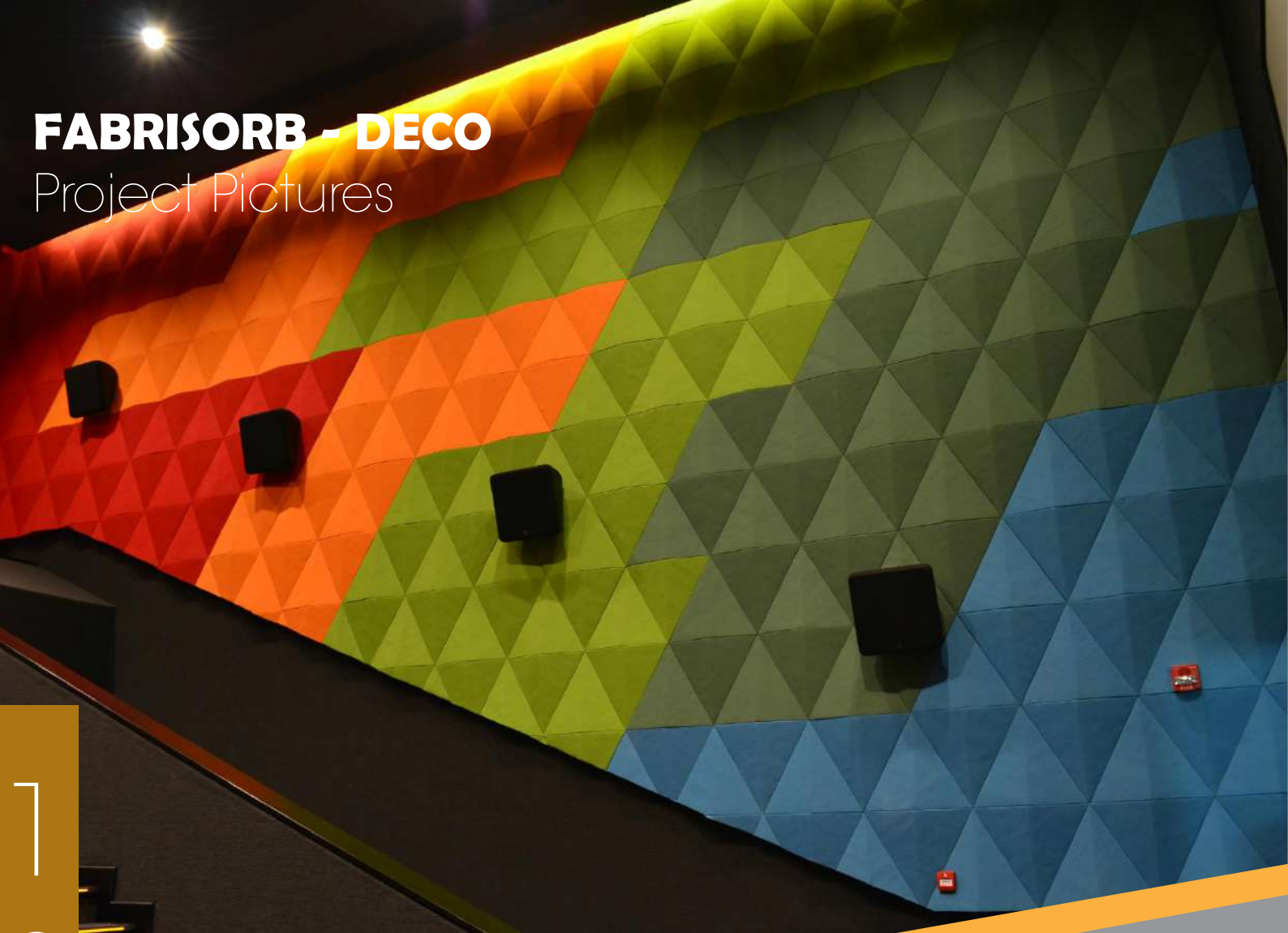
SOUND ABSORPTION COEFFICIENTS

Sound Absorption Coefficients							
Thickness	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	NRC
20mm	0.07	0.32	0.75	0.99	0.93	0.85	0.75
25mm	0.09	0.40	0.91	0.97	0.92	0.86	0.80
40mm	0.17	0.82	0.94	0.98	0.88	0.83	0.90
50mm	0.22	0.81	1.24	1.30	1.21	1.16	1.15



FABRISORB - DECO

Project Pictures



1
2





1
3



ASi

FABRISORB-DECO

COLOR SELECTION

WE HAVE WIDE

RANGE OF COLORS

FOR YOUR SELECTION

1
4



FABRIC
SELECTION

WE HAVE WIDE RANGE OF
FABRICS FOR YOUR SELECTION
YOU **CAN** CHOOSE
DIFFERENT FABRIC COLORS....

ASi

FABRISORB-DECO



ACOUSTICAL
SURFACES INDUSTRIES

INDIA
ACOUSTICAL SURFACES IND.
Coimbatore - 641048
Tamil Nadu, INDIA.
Tel: +91-827 733 1000
www.acousticalsurfaces.in

USA
ACOUSTICAL SURFACES INC.
123 Columbia Court North
Suite 201 Chaska, MN 55318, USA
Tel: +1-952 448 5300
www.acousticalsurfaces.com