

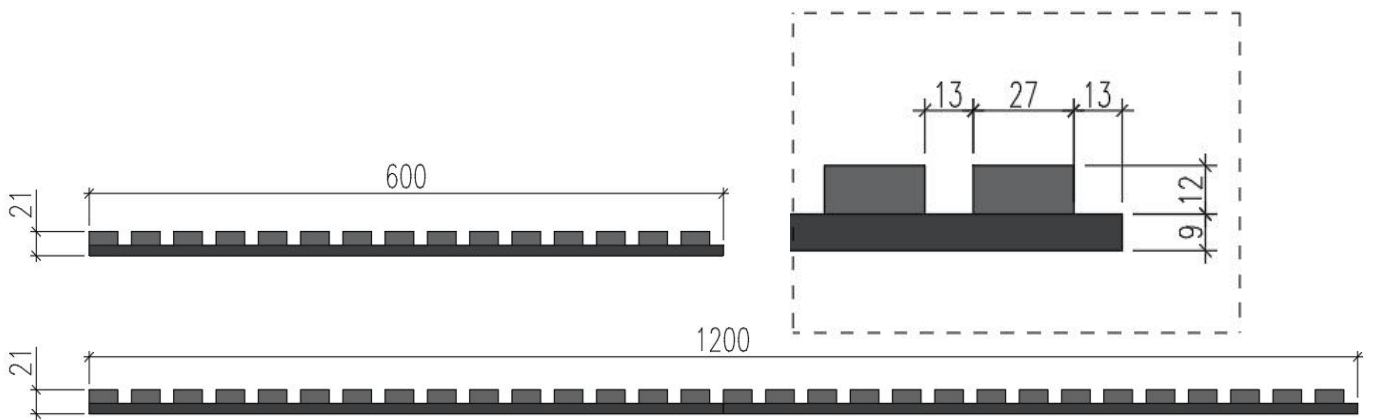
Kusrustic Wooden PET Acoustic Panel

PET WOOD VENEER



TECHNICAL INFORMATION

Materials	9mm/12mm Polyester fiber + 12mm MDF + Veneer/HPL/Melamine
Size	600*2400mm, 1200*2400mm, 600*3000mm, 1200*3000mm
Thickness	22mm/25mm
Model	27mm width slat, 13mm gap
NRC	0.8
Fireproof	EN 13501-1:2007+A1:2009 Bs2d0
Application	Kusrustic wooden PET acoustic panel is used as a decorative sound reducing panel. It can be used in both commercial and residential environments. It can be installed on walls, ceilings, in office furniture systems, decorative tiles, and even finished products. It is also tackable for a multipurpose solution in office spaces or educational facilities.



GENERAL DESCRIPTION:



Felt made of recycled plastic bottles

The felt

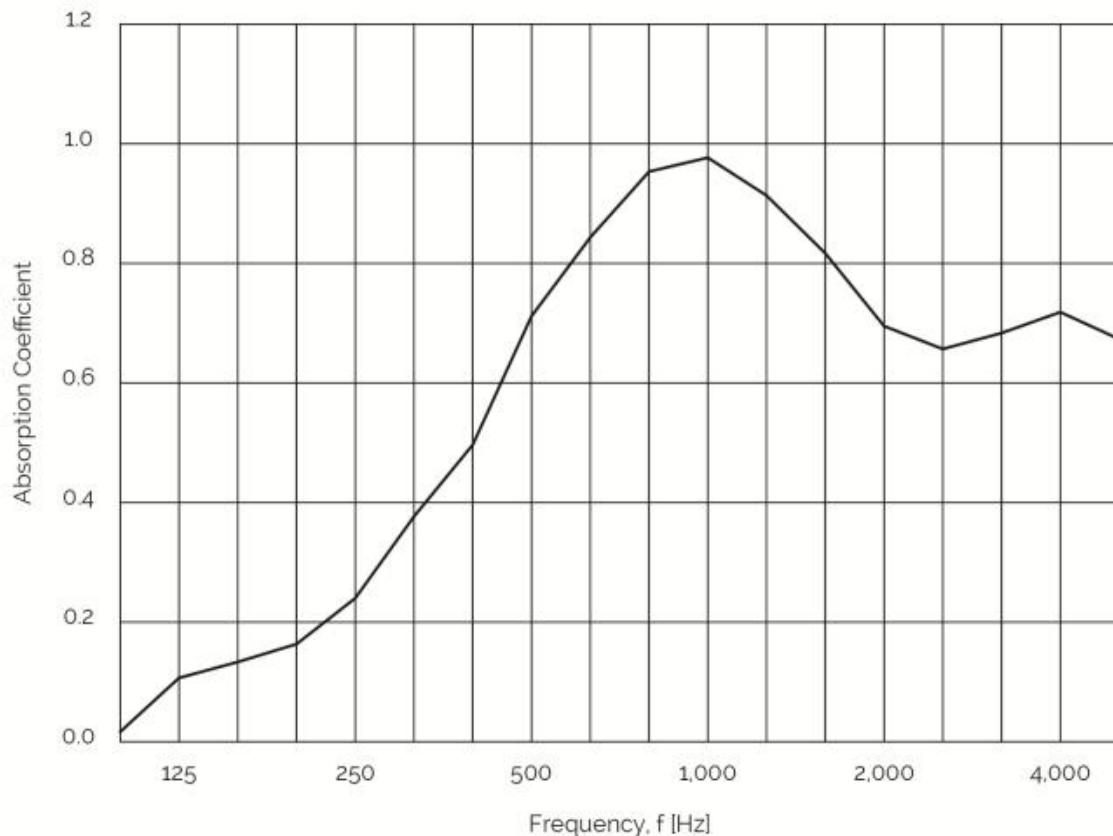
Our acoustical is made from recycled plastic, which means that we take a waste product and transform it into something useful and beautiful.

The felt absorbs the sound waves and dampens the sound.

Kusrustic was created with the purpose of improving peoples favorite spaces. If you have ever been in a room with bad acoustics, then you know the problem – bad acoustics can drive you crazy! But now you can do something about it, create a modern space and drastically improve the acoustics within your room.

NRC

The Kusrustic product offers customers the beauty of natural wood veneer or the option of decorative HPL with the added benefit of superior sound absorption and lowering noise reverberation time. As shown in the graph below, the panel obtains a Noise Reduction Coefficient of 0.97 at a frequency of 1,000 Hz.



Improved speech comprehension

"Can you say that one more time, please?" will be a sentence of the past. In rooms with low reverberation it is easier to hear what people are saying.

Improve your wellbeing and reduce stress levels.

Being in an environment with poor acoustics can have negative affects on your health and general wellbeing. Removing reverberation has significant health benefits.

Core Materials Flame Spread and Smoke Developed Index:

The PET backer has a Flame Spread Index of 0 and a Smoke Developed Index of 350.

The black thru colored MDF has a Flame Spread Index of 15 and a Smoke Developed Index of 5. Class A classification has Flame Spread Index of 0-25 with Smoke Developed Index of 0-450.

Color Consistency of Natural Wood Veneers:

Common characteristics of natural wood veneers include variations in color, grain, texture and figure. "End to end" alignment and matching of the veneer cannot be guaranteed from panel to panel. The incorporation of framework, reveals, etc. should be considered to achieve the desired effect.

Decorative HPL (high pressure laminate) may be used for more consistent colors, grains, textures etc.

CLEANING AND CARE

Remove dust and dirt by dusting, vacuuming, or with a soft cloth or sponge and a solution of carpet or upholstery shampoo. Always use a soft, damp cloth and blot dry. Spot cleaner has been used with success for light soil.

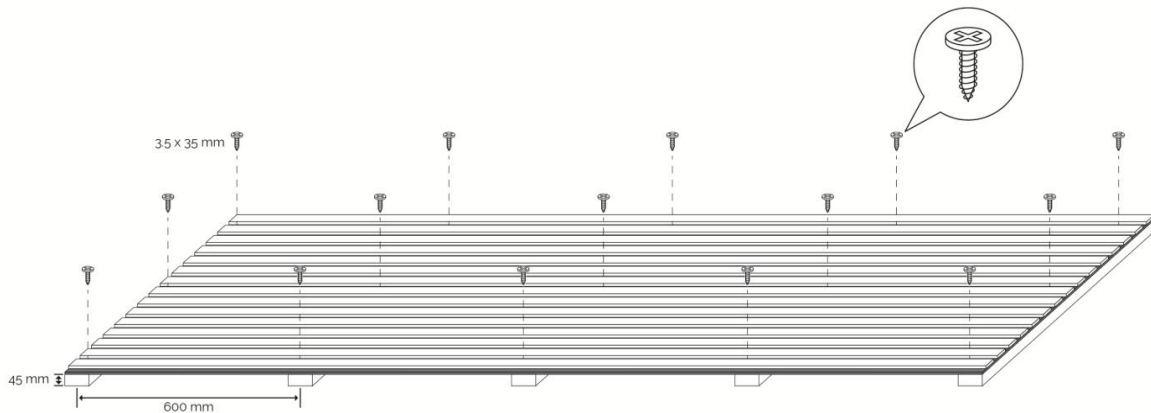


INSTALLATION

Kusrustic can be installed on walls and ceilings. For direct application, furring strips installed directly to the wall or ceiling on 600mm centers perpendicular to the Kusrustic are recommended.

Kusrustic can then be attached to the furring strips by using screws between the strips through the PET fiber backing into the studs. A minimum of 15 screws per panel is recommended. Using a black-anodized screw will achieve the best appearance.

In addition to the screws a small bead of construction adhesive applied to the furring strips may also be used if desired.

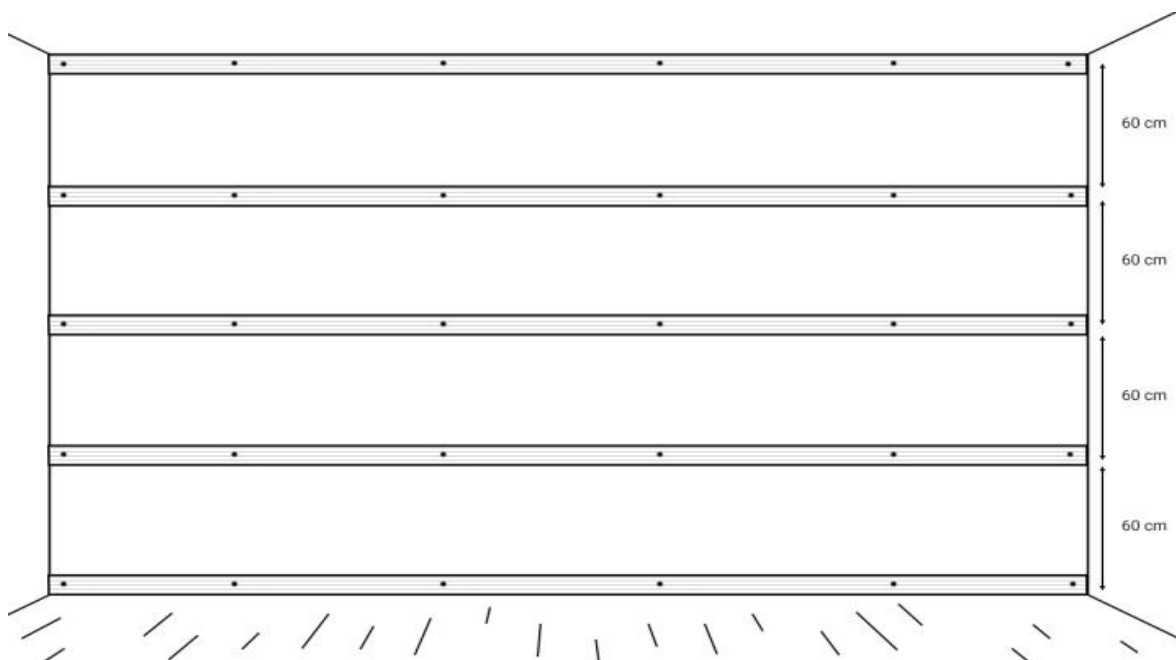


Along with using furring strips, ceiling installations may also be achieved by cutting the kusrustic to fit into a

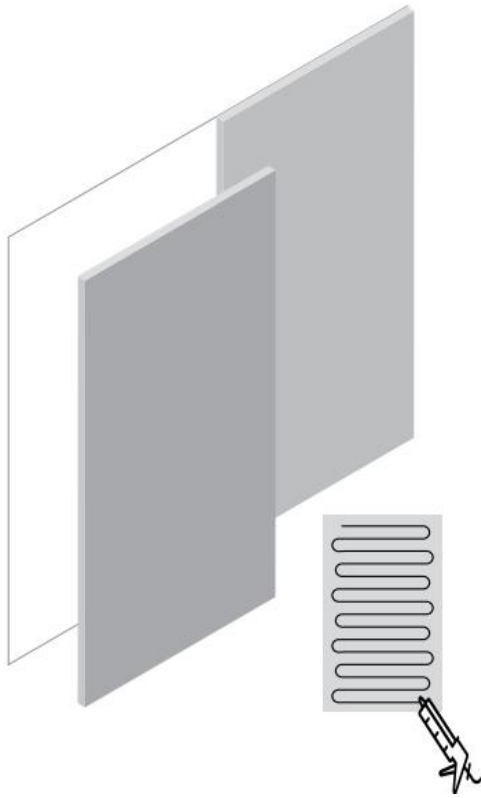
suspended ceiling grid system similar to what is used for typical drop ceilings. kusrustic may also be suspended from the ceiling in full panel lengths as well. This is best achieved by attaching furring strips to the back of the

panel. Threaded eyebolts can then be attached to the furring strips and then suspended at the preferred height using steel cables. To achieve a fixed mount, solid rods would need to be attached to the furring strips and then mounted to existing ceiling structure. Options will vary, and the assistance of a local structural engineer may be required to evaluate and make recommendations for individual jobsites. In all cases of using the Kusrustic as suspended panels, the ceiling structure must be deemed acceptable to carry the weight load of the Kusrustic.

Local building codes and requirements should be checked and followed.



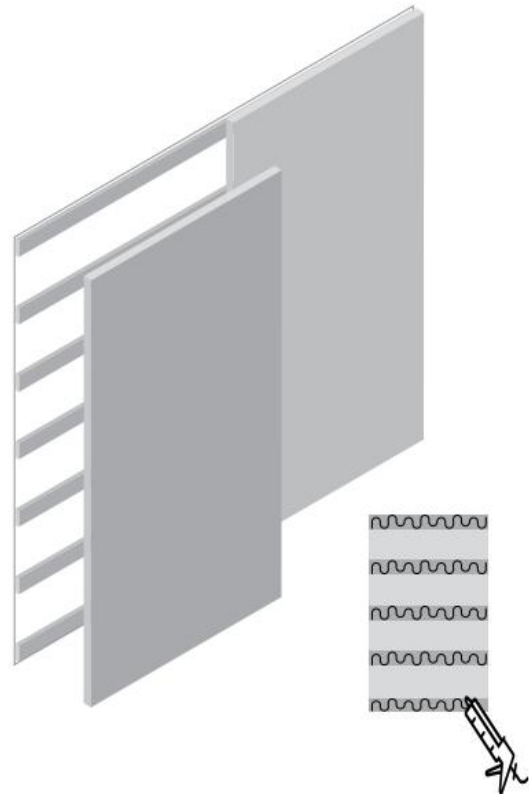
Kusrustic may be adhered to walls with adhesives, double sided tape or hook-and-loop removable products. There are many options with using adhesives; however these leave some residue on the Kusrustic that must be removed when recycling the panels.



DIRECT MOUNT

Use standard construction adhesives i.e. Liquid Nails/Titebond

- Clean and prepare surface per adhesive guidelines.
- Spread adhesive evenly on panel back, leaving 2" space at edges
- Adhere to wall surface, providing bracing to hold material against surface per adhesive open time/instructions



FURRING STRIPS FOR AIR GAP

Furring strips may be used to provide air space behind KusPanel.

These strips can be made from wood or KusPanel. Recommended width 3". Furring strips should be placed every 6-18" along the panel depending on expected potential impact. Edges may be covered with KusPanel strips or other surface for clean edge.



COLOR CHART

THE FELT



KP-01 Light Yellow*



KP-02 Yellow



KP-03 Orange



KP-16 Blackish Blue



KP-17 Red



KP-18 Wine



KP-04 White



KP-05 Light Camel



KP-06 Dark Camel



KP-48 Violet



KP-21 Light Blue



KP-22 Sky Blue



KP-08 Black Coffee*



KP-10 Silvery Grey



KP-11 Light Grey



KP-23 Deep Blue



KP-25 Grey



KP-26 Sesame Gray



KP-12 Medium Grey



KP-13 Apple Green



KP-14 Bright Green



KP-27 Black



KP-28 Dark Grey



KP-29 Brown



KP-30 Dark Brown*



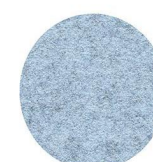
KP-33 Deep Skyblue



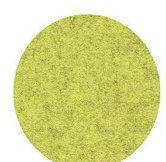
KP-34 Blackish Green



KP-41 Mermaid blue



KP-42 Gray blue



KP-43 Lime



KP-35 Lake Blue



KP-36 Dark Silvery Grey



KP-37 Blue



KP-44 Milky



KP-45 Space Gray



KP-46 Pink



KP-38 Darker Silvery Grey



KP-39 Harbor gray



KP-40 Turquoise



KP-47 Dark Blue*

MDF BOARD COLOR



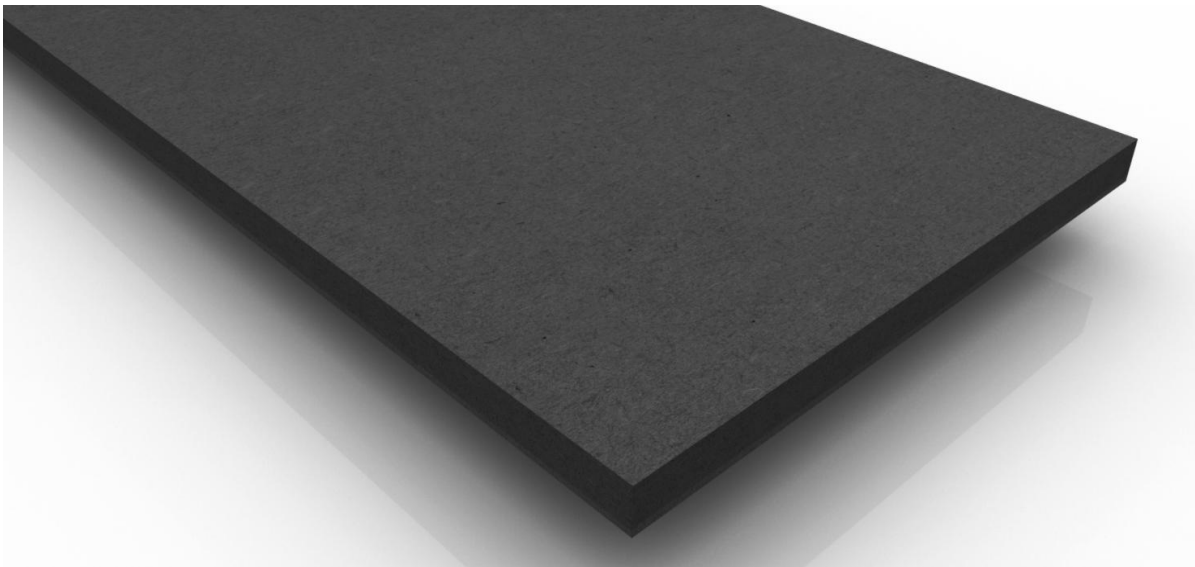
MDF board

The slats

Our core consists of a medium density fibreboard and is available in black or natural.

The slats create diffusion, which essentially means that they break the sound waves and thereby dampen the sound.

Black MDF Board



Red MDF and Standard MDF



SURFACE COLOR

VENEER



Ash



Beech



Cherry



Maple



Oak



Sapelli



Teak



Teak



Walnut

HPL

Melamine





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