



DÉCORTECH FIRESAFE DÉCORSLAT

TECHNICAL DATA SHEET

DÉCORTECH FIRESAFE DÉCORSLAT

Product Description

Décorslat is a panelised slat system offering options in real timber veneer and paint finishes.

Product Features

- An excellent substrate for a wide range of finishes including timber veneers or painted finishes
- An environmentally friendly product
- Less expensive than many natural wood battens
- Fire Ratings make it ideal for public spaces
- Good acoustic properties meaning increased noise reduction
- Prefinished panels prevent the need for additional onsite trades after installation
- Easily Installed, saving time onsite & cost on labour

Finish/Appearance

Décortech Firesafe MDF is used as a substrate that can be combined with either a real timber veneer to provide a natural warm finish or with Décortech factory applied UV paint finish for a fresh, clean look.

A large choice of natural timber veneers is available offering the beauty, warmth and individuality of natural timber. Standard paint finishes range is available to review on our website - www.decortech.co.nz

Decortech has a range of Decoslat profiles to choose from, fully customisable to suit your project.

Uses

Décortech Firesafe MDF allows timber panels to be used in spaces that they previously could not be due to fire requirements. It is ideal to use when the aesthetic qualities of wood or a high quality paint finish are desired with the safety of a fire retardant solution. Suitable applications include wall and ceiling linings, display panels, partition screens and acoustic panels especially for schools, hospitals, commercial and public buildings.

Acoustics

Décortech Firesafe MDF is an ideal material to specify for acoustic attenuation as MDF is a good acoustic absorber. When combined with our standard batten profiles or any custom designs it is possible to achieve perfect acoustics for any space. Additionally, applying Décortech Whispa inbetween the backing slats to further increase the acoustic properties. Whispa Data sheet is available to review on our website - www.decortech.co.nz

Substrate Description

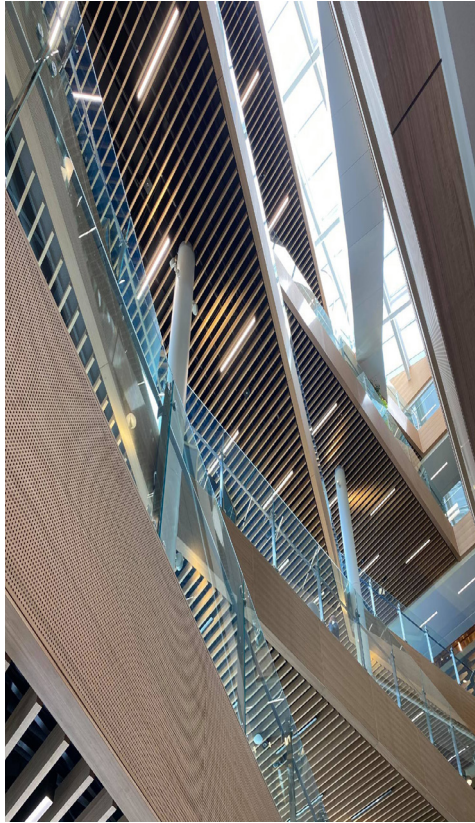
Décortech Firesafe MDF is a medium density fibreboard that is available in Natural core with fire retardant compounds added, meaning a higher density than standard MDF at 800kg/cubic metre.

Sheet Sizes

Standard Décorslat modular sizes standard 2400 x 1200mm - Some batten profiles are available in 2700 x 1200. Other sizes can be sourced for large orders. Veneers are always pressed to face and back to prevent battens bowing.

Fire Rating

Décortech Firesafe MDF has been tested to EN 13501-1:2007 + A1:2009 and has achieved a B-s1-d0 reaction to fire classification which equates to a Group 1S rating under the New Zealand Building Code.



For further information regarding Décortech Firesafe Décorslat please contact Décortech.

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Architectural panels

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Pre-Finishing

Décortech panels come pre-finished as standard. Clear or a range of colours is available with the coating applied down our Paintline. The computer controlled application of paint gives a high quality, run free finish each time and our UV coatings cure instantly allowing for high productivity rates and a premium finish, making it a cost effective solution. Our clear satin finish is a special non-yellowing formulation which provides excellent durability and resistance to chemicals and scratching. The standard finish is two coats of paint to the face. Edges can be painted on request, please note on the specification and advise at time of ordering if this is required. Please contact us for pricing or for samples of standard edge painting.

Environment

Décortech Firesafe MDF is environmentally friendly and produced under an environmental management system that is certified to ISO-14001.

Wood veneers are sourced from sustainable and renewable forests and EC, FSC and COC veneers can be provided on request.

Due to our Paintline and the contained process of applying paint, our clear satin finish has low to no VOC content once applied and cured resulting in reduced Greenhouse gas emissions and hazardous waste disposal.

Formaldehyde Levels

Décortech Firesafe MDF has very low formaldehyde emissions of .25 resulting in an E0 rating, the lowest rating available. Formaldehyde emissions – between 0.00 and 0.03 ppm provides an acceptable rating for green buildings

Fixing Details

Décorslat panels, substructure fixing battens to be no greater than 400mm centers, spaced to provide fixing between the Décorslat face battens. Note that substructure fixing battens are fixed perpendicular to the Décorslat Backing Battens. Provide a fixing batten along each edge of the Décorslat panel. Screw through the Décorslat backing battens using 10 gauge screws providing a minimum of 40mm embedment into a timber substructure. If fixing into metal battens check with supplier for screw types.

How To Specify:

1. Décortech Décorslat
2. Select Veneer if required.
3. Select Batten Size e.g. B40/32 (Batten 40mm x 32mm)
4. Finish e.g. Decortech Factory Applied Clear Satin Finish
5. Select Whispa Panel to back

Extensive modification can be made to our patterns, so please contact us to discuss options for stopping perforation around penetrations (light fittings, sprinklers, diffusers, PIRs etc.) or any custom designs.

Masterspec

For downloadable specifications please see Masterspec 5172D Décortech or our website.

Shop Drawings

Prior to manufacturing, shop drawings are done for approval for every panel we make to ensure that our panels are made right, first time. This enables customers and specifiers to clearly see what they are getting and to easily make changes. Full assembly drawings are also usually provided showing the complete wall or ceiling assembly. The shop drawing process has been invaluable to our installers as potentially timely and costly mistakes are picked up on paper and fixed before they become problems during construction

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Samples

Samples are indicative only and as veneers are natural wood there will be variations in colour and grain and occasional imperfections. Should a colour match be required to a sample this must be noted and the sample provided at time of ordering. Final panels will be matched as closely to the sample as nature will allow. Please send all correspondence in writing. Samples are valid for 6 months.

Veneers

Please note darker veneers have greater colour variations and veneers will vary in colour and grain. Veneers can be grain matched to ensure no inconsistencies however, should this be required an additional 10% cost will apply. Should you require a close colour match when using veneer please supply a sample for colour matching at the time of order and we will endeavour to match as close as nature will allow. Due to such variations, to achieve best possible consistency across a project, all the veneer required to complete the job should be ordered and pressed at the same time as colour and grain cannot be guaranteed to match at a later date. In the case of large projects, it is best if several months' notice is given.

Installation

Décortech Acoustic Panels are for indoor use only. Before installation the building should be fully closed in and well dried out with ambient humidity between 25 - 85%. Maximum humidity in the underlying construction should not be more than 15%. Please note: for areas that have increased moisture or high humidity we recommend Plywood, please contact us for our Plywood options.

Care Instructions

We recommend cleaning the panels when required with a warm damp cloth. Do not use any solvents or abrasive cleaners

Handling & Storage

Panels must be installed by qualified tradesman and handled with care. The product must be stored inside, off the ground, in dry condition. Panels must not be left wrapped in a non-breathable material (i.e. Plastic) for longer than 4 days and should be unpackaged and aired once they arrive onsite. Interior plywood must not be used in exposed, wet or damp conditions. Panels should be kept fastened in a flat pack squarely on top of one another on site to reduce the chance of the sheets bowing or any edge discolouration.

Precautions & Limitations

Décortech Firesafe MDF is not recommended in exposed, damp or wet conditions and swells and breaks when in contact with water. It may warp or expand if not sealed. It should not be used in areas subject to high humidity. The Firesafe MDF substrate may have significant colour variations from batch to batch.

While every endeavour has been made to ensure that all information contained in this product sheet is accurate, it is intended to be used as a guideline only. We reserve the right to amend specifications without notice.



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