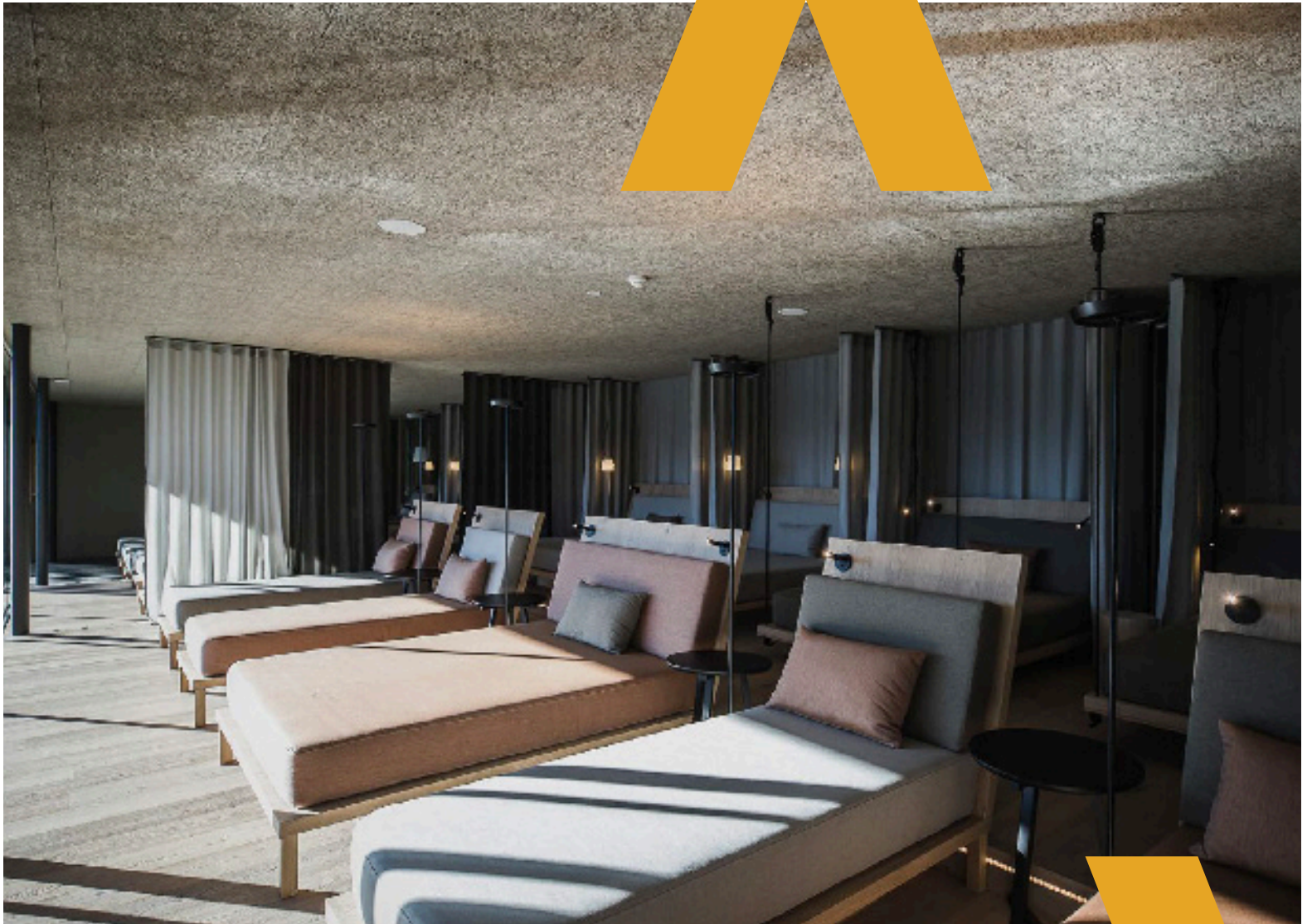




Celenit.



Performance Naturally.

Celenit is a natural and sustainable insulating material, made only with natural materials: wood, Portland cement, marble dust and water. Celenit provides advanced solutions that blend high sound absorption performance with the sustainability and eco-compatibility of a natural product, which is also aesthetically attractive and mechanically resistant.

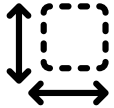
With their particular surface configuration, wood wool boards are natural sound absorbers. Soundwaves do not bounce from one wall to another, rather they are partly absorbed and dissipated, thus avoiding annoying reverberation.

Key Features and Benefits



Top-Tier Fire Safety:

Group 1s Fire Rating ensures maximum safety and compliance with compromises.



Versatile Size Options:

Drop-in Ceiling Tiles: 1195×595mm

Full-Size Panels: 2400×600mm



Ready to Install.

Celenit panels are supplied pre-finished for easy of installation.



Superior Acoustic Performance:

Achieves an impressive NRC 0.8 rating for effective sound absorption.



Premium Materials:

Celenit panels are manufactured from FSC certified Wood wool, Portland Cement, marble dust & water.



Sustainable Design:

Celenit is manufactured using fir wood from sustainably managed forests (PEFC™ or FSC® certificate).

Celenit products are not harmful for human health and the environment and the low energy production process creates limited emissions into the atmosphere (ANAB-ICEA and nature plus certificate). It uses recycled materials such as calcium carbonate, which is the residual dust of marble processing (ICEA certificate).

Finally, the raw materials are close to the production establishment (regional material). For all these reasons, CELENIT panels can be used in projects that require building sustainability certificates such as Leed, SBtool, SB100, and Bream

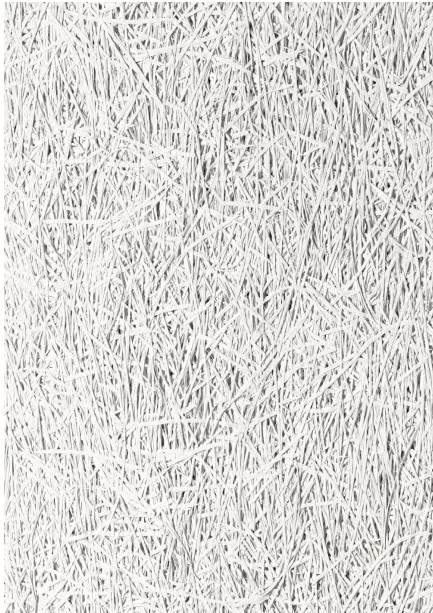
Celenit Finishes.

Celenit offers a versatile and neutral color palette, ideal for a wide range of design applications. The color range includes natural hues, Chalk white, various shades of grey, and Onyx Black. This selection allows for seamless integration into any architectural or interior design scheme, providing a subtle yet sophisticated aesthetic.

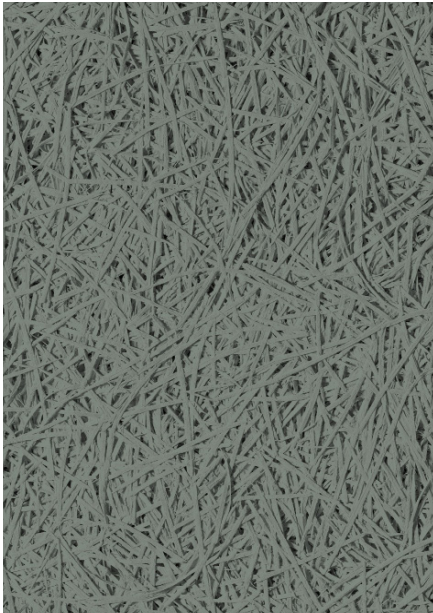
Whether you are looking to create a calm and serene environment with lighter shades or add depth and contrast with darker tones, Celenit's neutral palette ensures that the products can complement and enhance the overall design vision.



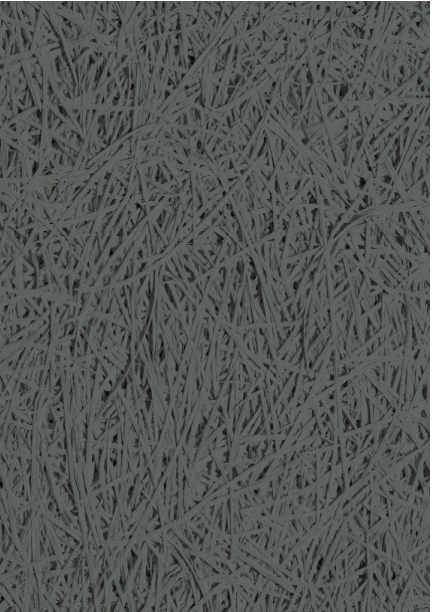
Natural



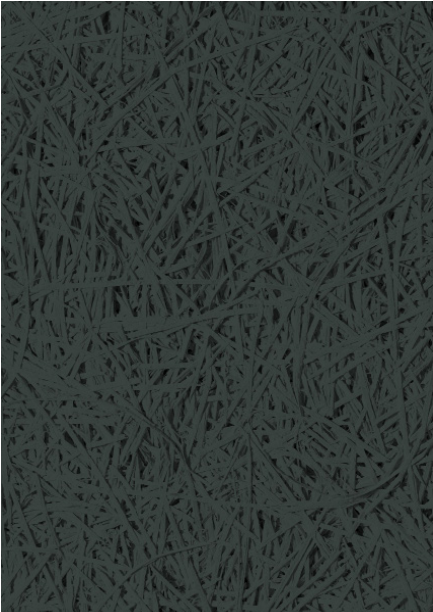
Chalk White



Ash Grey



Pearl Grey



Slate



Onyx Black

Our Recommendations.

Building Codes

Celenit Panels must be fixed in accordance to AS/NZS 2785. Installation is to comply with the following: loadings code AS/NZS 1170.1, the requirements of NZS 4219; related building services installations must comply with clauses 2.22, 2.25 and 2.29.

Drop In Ceiling Tiles

Celenit drop in ceiling tiles are designed to fit into standard 24mm 2-way exposed suspended ceiling systems, including existing installations. Drop In Tiles are easily installed as well as easily removed allowing for easy access to services. Exposing the grid systems creates an attractive detail.

Wall & Ceiling Fixings

Please refer to our Installation Guides for different installation methods.

Inspect & Check Panels

Inspect panels for any defects or variation from specification before installation. Do not install panels that are of unacceptable quality or that differ in any way from panels ordered. Big River Panels will not be responsible for installation or removal costs of unacceptable panels. Notify us of any issues within 7 days of receiving panels.

Before Installation

We recommend not removing the plastic wrap and the protection cardboard during pallet storage at the work site. Once the pallet has been opened, we recommend putting a weight on top of it. Celenit panels must always be moved and stored on their pallets, on a flat surface in dry conditions. Under no circumstances can the boards be stored outdoors, vertically or directly on the floor, or in rooms with a high percentage of humidity. The packaging does not protect from weather, therefore the pallet must remain in a covered and protected place.

The boards have one side that should be visible (front of the board) and another side that should be placed against the structure (back of the board). The back of the board usually has the Celenit logo or shows calibration marks. The front may be painted and/or has worked edges. In the absence of paint or edges, the front can be identified according to the pallet layout. Celenit boards are dimensionally stable, however, they must be installed after acclimating to the same room they are going to be installed in, as well as after all concrete works are finished and the doors, windows, heating and ventilation systems have been installed. Room temperature must be kept constant before and after installation.

Do not suddenly change the temperature of the room after installation. The front of the boards faces the top and the back faces the pallet.

Our Recommendations.

Handling Celenit Panels

Panels must be installed by qualified tradesmen and handled with care. Take maximum care when removing the boards from the pallets. The boards must be handled one at a time using both hands. Always have new gloves or clean hands. Damage to the edges or scratches on the paint can easily occur when removing the packaging or accidentally bumping the boards.

Cutting, milling and chamfer the edges

The boards can be easily cut by hand or circular saw. If needed, edges can be chamfered with a medium-grain sand paper. Holes for lighting can be cut by inserting the milling cutter in the front (visible side of the boards).

Always work in clean conditions, especially for the cutting tools. Onsite handling on site, cutting, chamfering and milling must be done with great care, cleanliness and professionalism to maintain the esthetic characteristics of the panels.

Precautions & Limitations

Celenit panels are for interior applications only, they are not recommended in exposed, damp or wet conditions as they can swell and break when in contact with water.

After Installation & Care Instructions

Perform all cleaning operations in order to remove any impurities, dust and sediment from inside the porosities of the panels. Use a vacuum cleaner with a brush to eliminate all dust residue and do all the necessary paint touchups to cover the screws and any scratches. A tin of paint is provided with the painted boards. When touching up or repainting, be careful not to block panel cavities. Celenit panels will maintain their physical and esthetic characteristics over time. They can be periodically cleaned with vacuum cleaner equipped with a nozzle brush, an electrostatic cloth or a slightly damp cloth.

