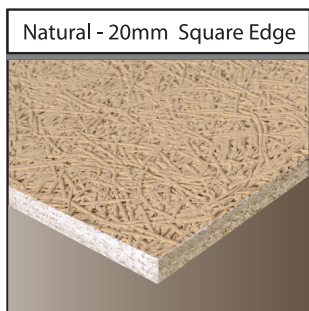


CELENIT NB



Description

Thermal and acoustic insulation board, consisting of mineralized wood, wool bound with white Portland cement. Wood wool is 3 mm wide. High quality boards for design acoustic absorption systems. It complies with EN 13168 and EN 13964 standards. The boards are certified by ANAB-ICEA and natureplus for eco-compatibility of materials and manufacturing process. CELENIT NB is PEFC™ and FSC® certified.

Applications

False ceilings, wall coverings, baffles and acoustic rafts design solutions.

Technical data

Standard	EN 13168 - EN 13964
Designation code	WW-EN13168-L3-W2-T2-S2-CS(10)200-CI3 (thicknesses 15-40 mm)
Length x Width [mm]	2000x600, 1200x600, 600x600
Thickness [mm]	25
Weight [kg/m ²]	11.5
Edge detail	Square Edge
Colours	Natural
Declared thermal conductivity λ_D [W/mK]	0.065
Declared thermal resistance R_D [m ² K/W]	0.35
Compressive stress at 10% deformation σ_{10} [kPa]	≥ 200 (thicknesses 15-40 mm)
Water vapour transmission μ	5
Specific heat C_p [kJ/kgK] ¹	1.81
Reaction to fire ²	Euroclass B-s1, d0
Chloride content	≤ 0.06
Durability	Class C
Release of formaldehyde	Class E1
Release of asbestos	it does not contain asbestos

¹ Certified by the University of Bologna - LEBSO no. 809 | rev. 07.05.2009

² The reaction to fire does not change for painted products

Storage, use and maintenance

The boards must be stored on a pallet placed on a flat surface, protected from rain and direct sunlight. Pallets must be handled with care on site. Bumping the corners of the pallets can cause damage to the boards.



CELENIT boards are dimensionally stable (EN 13168), 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.

Due to their natural production process and raw materials, boards that are not painted may have an uneven color.

The boards must be painted to have an even color.

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 Direct Sales Line: 031-569 6099

GAUTENG:

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Certifications

ISO 9001:2015 no. 1351
 ANAB no. EDIL 2009_004
 NATUREPLUS no. 1007-1511-134-1
 EPD® S-P-00477
 FSC® no. ICILA-COC-002789
 PEFC™ no. ICILA-PEFCCOC-000117
 ICEA no. LEED 2015_001
 ICEA no. REC 2015_001

