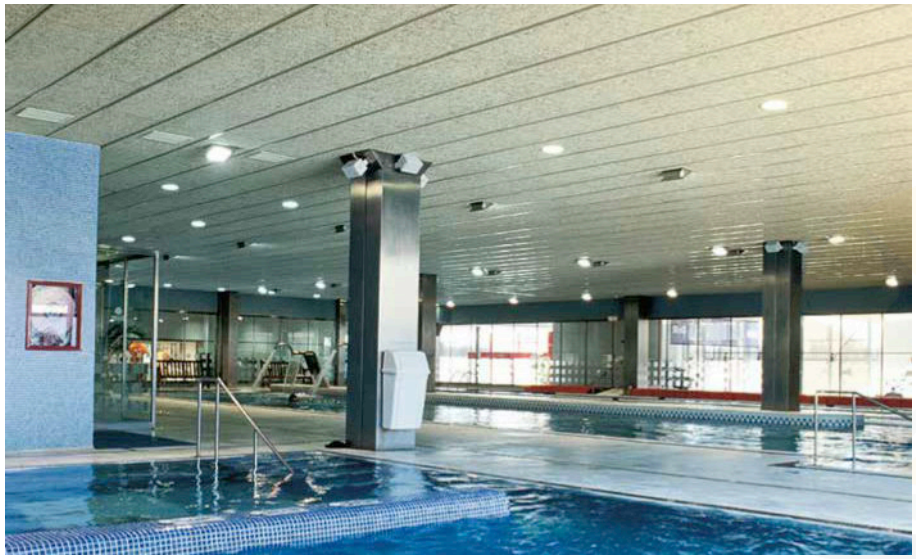
Model SD CEL 2



Mineral thermal and acoustic panel composed of a 25 mm SD CEL 2 layer bonded to a rock wool layer, 25 or 40 mm thick, faced on one side with a glass veil in accordance with EN 13162.
Wood wool strand width: 2 mm.
Applications: Suspended ceilings and wall linings.
Two panel sizes:

- SD CEL 2 board 120*60 cm (exact) + rock wool 120*50 cm
  (for direct application onto the structure).
  Edge finish: square or bevelled.
- SD CEL 2 board + rock wool 119.3*59 cm
  (for installation on T/35 grid).
  Edge finish: square, P-10 or P-11.

Complies with standards EN 13168 and EN 13964. Certified PEFC™ and FSC®. The wood used comes from sustainably managed forests.

Technical characteristics

→ Panel dimensions length*width (mm)
1200*600 rock wool slabs 1200*500 mm for direct application on the structure. Panel dimensions 1193*590 mm for installation on T-profiles.

→ Thickness (mm) 50 …… 65.

→ Layer thickness (mm) 25/25 …… 25/40

→ Areal weight (kg/m²) 14.1 …… 15.6.

→ Declared thermal conductivity λ_D [W/m·K] VW 0.070

→ Declared thermal resistance R_0 [m²K/W] 1.00 …… 1.55.

→ Water vapour diffusion resistance factor μ MW 5 – MW 1

→ Reaction to fire[2] Model SD CEL 2 Euroclass B-s1, d0

→ Reaction to fire[2] Model SD CEL 2 “Painted” Euroclass A2-s1, d0

The reaction to fire classification of the painted panels is the same.

→ Chloride content (%) ≤ 0.06

→Sound absorption αw up to 0.85 – NRC up to 0.90

→ Durability Class C

→Light reflectance (%) 50.7 – 74.0 (white colour 05/15)

→Formaldehyde release Class E1

→Asbestos release Does not contain asbestos

→Logistical data Dimensions (mm) / pallet 50 mm …… 65 mm

Panels 1200 × 600	Panels per pallet: 40 ……32 units
Pallet 1200 × 1200	m² per pallet: 28.80 …….. 23.04m2

A single element can provide acoustic comfort, thermal insulation and an aesthetic finish without adding complexity to the project.

The combination of SD CEL 1 and rock wool delivers uniform sound absorption, reducing reverberation time and improving speech intelligibility.

In spaces such as restaurants, offices or hotels, this translates into clearer conversations and a sense of calm that users perceive without necessarily being aware of it.

The panel format and the different edge details allow easy integration into continuous or lay-in suspended ceilings, as well as wall linings.

The wood wool texture adds depth and character to the surface, working both in exposed solutions and in systems combined with lighting or visible services.

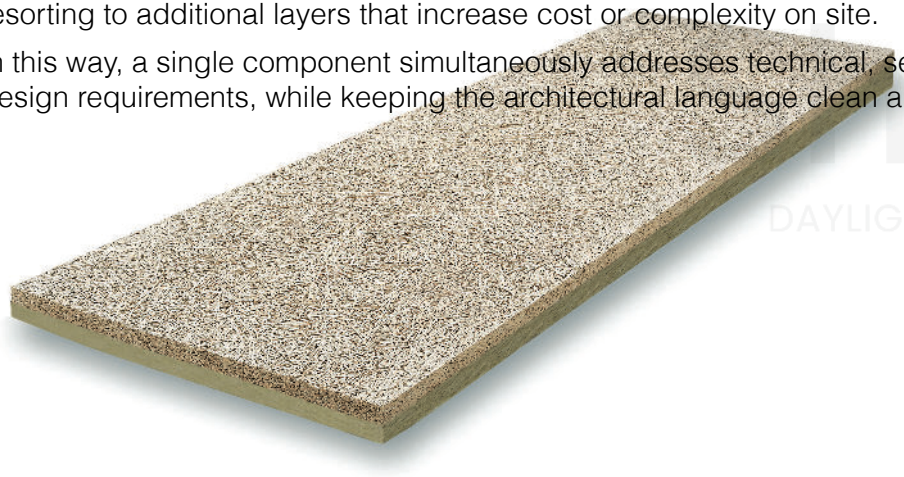
The range of colours, in addition to the natural finish, makes it easy to adapt the panel to neutral palettes, warmer schemes or concepts with accent colours.

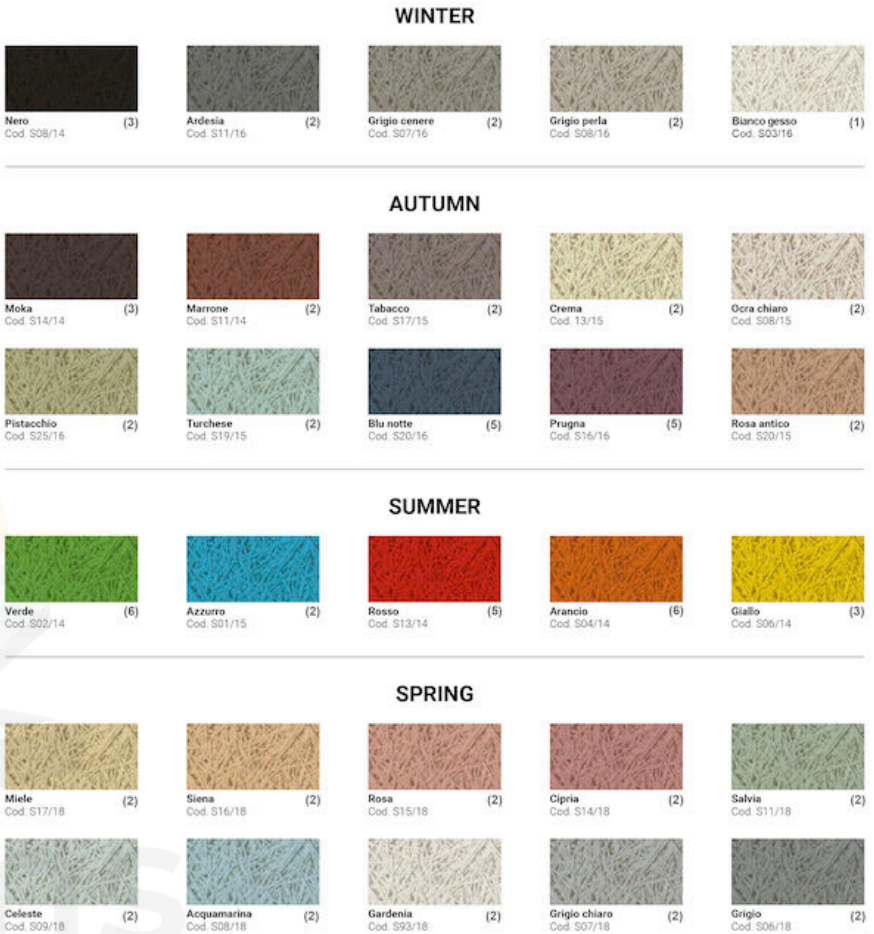
The panel meets the requirements of EN 13168 and EN 13964, which simplifies technical justification in specifications and calculations.

The use of PEFC™ and FSC® certified timber supports alignment with projects focused on sustainability and on obtaining environmental certifications.

Its thermal and acoustic performance helps to achieve indoor comfort targets without resorting to additional layers that increase cost or complexity on site.

In this way, a single component simultaneously addresses technical, sensory and design requirements, while keeping the architectural language clean and controlled.





DAYLIGHTING SOLUTIONS