CEWOOD SYSTEM FOR HALLWAY

CEWOOD Panels are a durable and environmentally friendly material made from high-quality wood wool and cement. With the perfect balance of fire resistance, excellent acoustic performance, and thermal inertia, this product offers a wide range of design possibilities for any environment.

Benefits

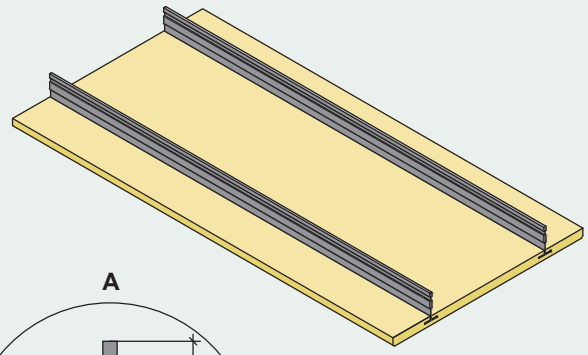
This system features a support profile and perimeter angle, ensuring an easy installation and a sleek, finished look. As a free-span system, it includes all necessary components, eliminating the need for extra hangers. The concealed installation creates a clean, grid-free ceiling that is both functional and aesthetically pleasing. Panels are fully customizable in both length and color, allowing them to seamlessly complement the hallway design. Additionally, the system offers easy access for maintenance or future adjustments.

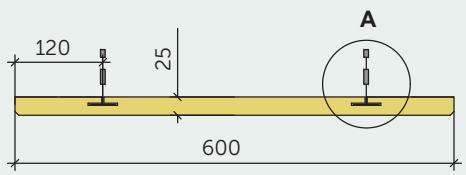
Technical specifications

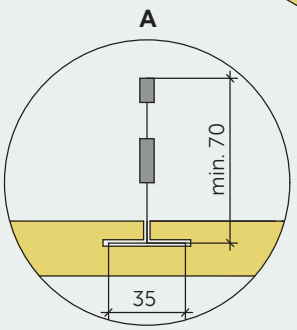
Wood wool width	1.0 mm, 1.5 mm, other wood wool upon request
Panel thickness	25 mm
Panel size	2400x600 mm; 1200x600 mm. Custom sizes - upon request
Weight	10,5 kg/m^2 (14,5 kg/m^2 for fire reaction class A2-s1,d0)
Thermal conductivity	λ = 0,069 W/m·K
Fire reaction class	B-s1, d0; A2-s1, d0
Colour tone	natural painted, white, black, grey and any shade in RAL or NCS system upon request

T35 solution overview

The ceiling element, 600 mm in width and up to 2400 mm in length, is designed for free-span lay-in installation on a perimeter angle. It features a 25 mm thick CEWOOD wood wool panel. Structural support is provided by T35 profiles with a minimum height of **70 mm**, which must securely lock into the panel during installation. A perimeter angle, with a minimum size of **40x20 mm** and made from **1.5 mm** thick material, ensures stability and a clean finish.







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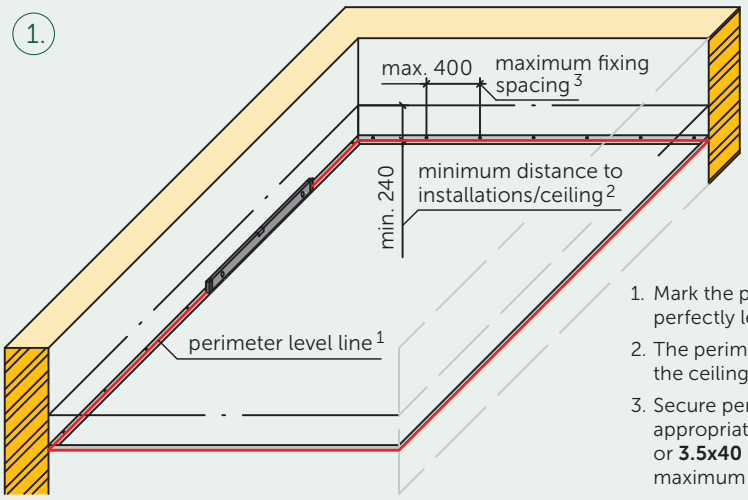
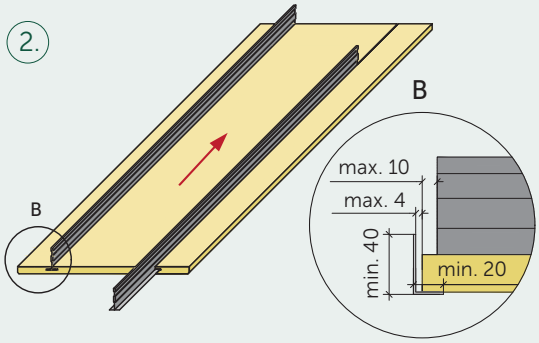
1.



1. Mark the perimeter height on all walls to ensure a perfectly level ceiling.
2. The perimeter line must be at least **240 mm** from the ceiling for proper clearance.
3. Secure perimeter angles with wall dowels and appropriate screws – **3.5x30 mm** for wooden walls or **3.5x40 mm** for concrete walls – ensuring a maximum spacing of **400 mm** for optimal stability.

2.

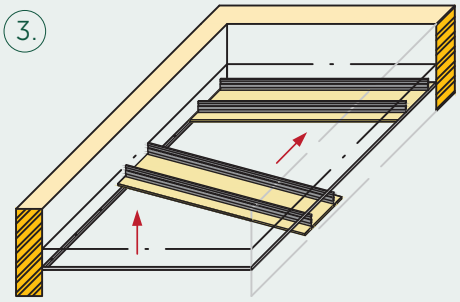


Slide the T35 profiles into the rear grooves of the panel, making sure they are properly aligned.

The panel length must match or slightly exceed the profile, with a max **20 mm** overhang (**10 mm** per side).

Keep a maximum gap of **4 mm** on each side for sufficient perimeter trim support.

3.

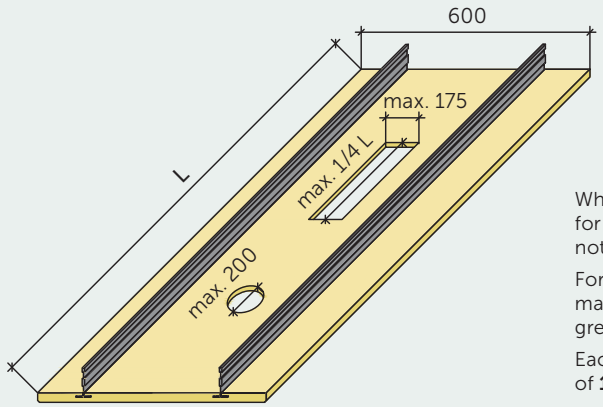


Instal the first panel at either end of the hallway, ensuring it is properly aligned.

Continue installing the panels one by one, securing them onto T35 profiles and perimeter trim.

To remove the panels, start with the last panel and slide it out, reversing the installation steps.

4.



When necessary, panels can be modified to allow for suspended objects, but circular openings must not exceed **Ø200 mm**.

For rectangular cutouts, they are allowed with a maximum width of **175 mm** and a length no greater than **1/4** of the panel's total length.

Each panel supports a maximum suspended load of **1.5 kg**.

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