

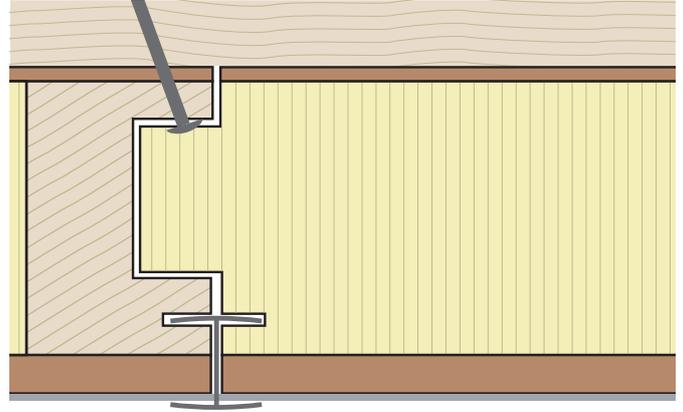
Type SPD thermal insulation boards

Application

The Frinorm type SPD thermal insulation boards are suitable for installation on wooden structures on ceilings and walls in new and converted buildings, as well as in old-building renovation. They are suitable for agricultural, commercial, industrial and public buildings. Thanks to the washable, pressure-washer-resistant, pore-free and low-maintenance surface, the thermal insulation boards can also be used in spaces with strict hygiene requirements.

Properties

- Outstanding thermal insulation values up to 0.34 W/m²K
- Surface coated with white primer, washable, pressure-washer-resistant, non-exuding
- Cement-bonded chipboard as cover panel, water-resistant, impact-resistant and non-flammable
- White plastic H-profile rails to cover the panel joints
- Resistant to vermin and mould
- Dimensionally stable and non-warping
- Free of thermal bridges, impeccable panel joints
- Bright, attractive bottom view
- Large board format
- Quick and easy installation



Product description

The Frinorm type SPD thermal insulation boards have outstanding thermal insulation properties. Expanded polystyrene rigid foam (EPS), 15 kg/m³, is used for thermal insulation. The visible side is covered with a washable and non-exuding cement-bonded chipboard, with white primer, 8 mm, and the back side is covered with a thin chipboard E1 P5, untreated, 3.5 mm. One of the longitudinal sides is reinforced with a solid wood edge band, making the board particularly stable. The circumferential groove and tongue joint, which is covered using a white plastic H-profile rail, ensures there is no thermal bridge in the joints. The installation is carried out on a wooden structure. The boards are fixed in a concealed manner in the groove using screws or nails. The large-sized elements ensure fast installation, and processing on site with standard woodworking machines is uncomplicated. The invisible screw connection, the white surface and the panel joints covered with H-profile rails give the finished walls a light-coloured and appealing appearance.

Type SPD materials

Cover panel (internal): cement-bonded chipboard, coated with white primer, 8 mm

Cover panel (external): thin chipboard E1 P5, untreated, 3.5 mm

Thermal insulation: expanded polystyrene rigid foam (EPS), 15 kg/m³, 60–100 mm

Edge band: solid wood, on one side

Bonding: water-resistant D3 (EN 204-D3)

Surface: coated with white primer, washable, pressure-washer-resistant, non-exuding, very low-maintenance

Accessories: white plastic H-profile rails

Edge milling

- Circumferential groove and tongue joint
- Circumferential groove for plastic H-profile rails

Dimensions

Format: 1650 × 610 mm (1.006 m²)

Thicknesses: 71, 91, 111 mm

Thermal transmittance coefficients (U-values)

Element thickness	mm	71	91	111
U-value	W/m ² K	0.550	0.427	0.348

Delivery

Delivery is carried out true to quantity via disposable pallets covered in stretch foil.

Consultation

For more information please refer to the technical data sheets.

Our technical consultants are at your service for all questions.