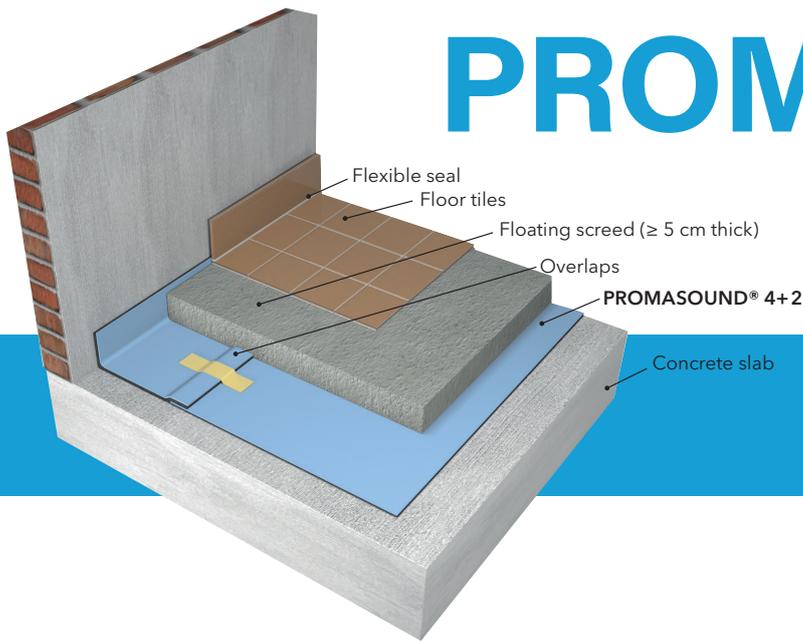


# PROMASOUND 4+2



50 m x 1.5 m

$\Delta L_w = 26 \text{ dB}$

## Acoustic floor insulation under floating screed

PROMASOUND® 4+2 is made of a physically crosslinked polyolefin foam and an acoustic polyester felt.

### Installation

Place a first screed in order to cover the tubes and other sheaths if needed. If the placement of this pre-screed is impossible, unroll the PROMASOUND® 4+2 directly on the technical tubes. The concrete slab will have to be flat and carefully brushed. At the crossing of the tubes, equalize with sand or cement so that there is no hollow space under the insulit membrane.

Unroll the PROMASOUND® 4+2 with the felt side down. The foam should not be, under any circumstance, in direct contact with the floor. Make an overlap of 5-10 cm, with the foam and felt on the previous laid strip.

Maintain the overlaps with the adhesive tape provided (30 cm of tape perpendicularly stuck on the overlaps, every 1 m is enough). Pull-up more or less 15 cm of PROMASOUND® 4+2 along the walls. In case of a floating screed, make sure that the underlay is totally waterproofed.

Insulate carefully the vertical tubes from the flooring they cross with the help of insulation sleeves made on the spot from the PROMASOUND® 4+2 or with the adhesive Stickelfoam from insulco.

Immediately after the laying, pour a reinforced screed of minimum 5 cm thick on the PROMASOUND® 4+2. Once the screed is poured and the floor covering laid, cut the surplus of PROMASOUND® 4+2. Lay the baseboard slightly higher than the final floor covering, in order to avoid any lateral acoustic transmission. Finally, make a flexible joint under the baseboard.

### Characteristics

<b>Thickness</b>	± 6 mm (under 2 kPa)
<b>Color</b>	Light blue (foam) Anthracite (felt)
<b>Material</b>	Physically crosslinked polyolefin Acoustic polyester felt
<b>Acoustic reduction</b>	$\Delta L_w = 26 \text{ dB}$ (ISO 717-2:2013)
<b>Acoustic report</b>	BBRI (2017): DE631xB624 - AC7612; DE631xB624 - AC7613;
<b>Weight</b>	±240 g/m <sup>2</sup>
<b>Dynamic stiffness</b>	$s'_t = 10 \text{ MN/m}^3$ (EN 29052-1)
<b>Thermal value</b>	$R = 0.19 \text{ m}^2\text{K/W}$
<b>Compression</b>	±10 % under 2 kPa (tolerance 10%)
<b>Roll size</b>	50 m x 1.50 m

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