

IMPACT SOUND | UNDER SCREED INSULATION



ISOLMANT UNDERSPECIAL

Product made of 5 or 10 mm Isolmant Special with the lower side bonded to FIBTEC XF1 (special needle-punched fibre produced according to specifications conceived to provide a better noise reduction).

→ To be positioned with the fibre side facing down.



isolmantUnderSpecial

THICKNESS	Approx. 8 - 13 mm
IMPACT SOUND INSULATION	$\Delta L_w = 34$ dB (for both types) Certified value
DYNAMIC STIFFNESS	$s' = 11$ MN/m ³ (8 mm version) $s' = 9$ MN/m ³ (13 mm version)
THERMAL RESISTANCE	$R_t = 0.234$ m ² K/W (8 mm version) $R_t = 0.376$ m ² K/W (13 mm version)
VOC	A+
SIZE	Rolls of: 1,50 m x 25 m (h x L) = 37.5 m ² (versione 8 mm) 1,50 m x 50 m (h x L) = 75 m ² (versione 8 mm) 1,50 m x 25 m (h x L) = 37.5 m ² (versione 13 mm) Product with overlaps. Once overlapped, the sheets should be sealed by means of Isolmant Fascia Nastro or Isolmant Nastro Telato.
PACKAGING	Single rolls

→ Conditions of use

Isolmant UnderSpecial ensures high impact sound insulation in floating screed application. It is suitable when a higher air-borne sound insulation is required. In particular, this product is recommended in double-layer application. It needs 6 cm (for Isolmant Underspecial 8 mm) or 7 cm (for Isolmant Underspecial 13 mm) screeds. Screeds with lower thickness should be reinforced by means of a suitable metal mesh or fibres. Attention must be paid in case of dry shake installation of ceramic tiles.

→ Item specifications

The resilient layer is made of expanded closed-cell physically cross-linked polyethylene. The upper side is embossed and screen-printed. The lower side is bonded to a special needle-punched fibre that is conceived to enhance the acoustic performance. This product should be positioned with the fibre side facing down. Product with overlaps. Thickness in mm (approx. 8 or 13 mm). Dynamic stiffness MN/m³ (respectively 11 MN/m³ or 9 MN/m³ for 8 or 13 mm version).

WARNING: This technical data sheet is not a valid specification and, if it consist of multiple pages, be sure to read the full document. This instruction are the best of our current experience but are indicative information. Assuming the liability resulting from the use of this product, it is up to the user to establish whether the product is suitable for the intended use.

isolmant by TECNASFALTI

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