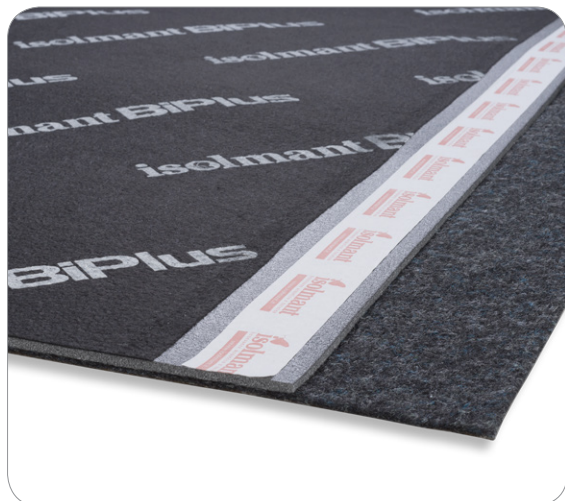


IMPACT SOUND | UNDER SCREED INSULATION



ISOLMANT BIPLUS

Product made of 5 mm or 10 mm Isolmant Special joined on the upper side to FIBTEC XT1 (screen-printed anti-tearing fibre) and on the underside to FIBTEC XF1 (special needle worked fibre produced according to specifications designed to provide a better noise reduction).

→ To be positioned with the screen-printed fleece facing upwards.


isolmant BiPlus

THICKNESS	Approx. 9 - 14 mm
IMPACT SOUND INSULATION	$\Delta L_w = 34$ dB (for both types) Certified value
DYNAMIC STIFFNESS	$s' = 11$ MN/m ³ (9 mm version) $s' = 9$ MN/m ³ (14 mm version)
THERMAL RESISTANCE	$R_t = 0.260$ m ² K/W (9 mm version) $R_t = 0.400$ m ² K/W (14 mm version)
SIZE	Rolls of: 1.50 m x 50 m (h x L) = 75 m ² (9 mm version) 1.50 m x 25 m (h x L) = 37.5 m ² (14 mm version) This product comes with a top adhesive profile to seal the overlapping flaps
PACKAGING	Single rolls

→ Conditions of use

Isolmant BiPlus is recommended for high impact sound insulations with floating screed. It is also suitable for singlelayer application in which the direct installation of building plants on the resilient layer requires tear resistance and protection to avoid damaging the insulating material. It needs at least a 6 cm (for BiPlus 9 mm) or 7 cm (for BiPlus 14 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 with the lower side bonded to a special needle-punched fibre that is conceived to enhance the acoustic performance, and the upper side to an anti-tearing fibre. This product should be installed with the fabric facing upwards. The product comes with adhesive overlapping flap. Density approx. 30 kg/m³. Thickness ...mm (approx. 9 or 14 mm). Dynamic stiffness MN/m³ (11 MN/m³ or 9 MN/m³ respectively for 9 or 14 mm versions).

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