

MAGNUM Isorol

Insulation

MAGNUM Isorol is an expanded polystyrene foam covered on one side with a metallized PET film 12 μ . Can be used as an underlay for MAGNUM Cable (take into account sufficient structural strength for floating floors). The base floor must be free of dust and grease, smooth and dry. Unevenness of more than 2 mm must be levelled. Place the underlay with the PET layer facing upwards. The seams should be sealed with a special aluminium / polyester tape. This tape has to be ordered separately.



Technical details

- Immune to humidity and mould
- Has excellent reflective and moisture insulating properties (thanks to the metallized PET film)
- Easy to install and to cut
- Very high mechanical strength
- 100% CFK-free material
- Suitable for MAGNUM Cable
- Suitable for laminate floors up to 9 mm
- Density Min. 15kg/m³
- EPS foam Fire resistant quality
- Temperature range 30°C tot +70°C
- Insulation value 0,036 W/mK
- Short term compression strength With 10% distortion 60kPa
- Thermal shape stability

transient		100°C
longer term	at -5000 Pa	85°C
	at -20000 Pa	75-80°C

Installation methods

- The floor must be clean, dry and free of uneven spots.
- Before application, remove any irregularities of the subfloor > 2mm.
- Roll out the first strip with the silver side up and lay the next strip side by side with the first.
- Unfold the overlap strip and lay it over the next strip, the edges should be connected by using the integrated adhesive tape.
- After laying the floor, cut off the excess material at the ends.

Package content

- MAGNUM Isorol 24m²
- Productsheet

Specifications

Thickness	3 mm
Compressive strength	CS 1: 10 kPa < CS ≤ 50 kPa according to EN 826 + A.3.7
Impact sound reduction	20 db(with laminate) according to DIN EN ISO 140-8/717-2
Footstep noise reduction	19 % according to IHD W431
Temp. resistance	40°C: +/- 0,09 m2K/W according to DIN EN ISO 12667
Tensile strength	CC2: 25 kPa < CC ≤ 50 kPa according to EN 1606 + A.3.8
Water vapour diffusion resistance	> 100 m according to DIN 52615 / DIN EN 12086
Fire resistance	E according to DIN EN 13501-1:2007 +A1 2013
Warranty	2 years



Art.nr.	Description	m ²	Unit	Dimensions	Thickness
720502	MAGNUM Isorol	24 m ²	Roll	20 x 1,2 m	3 mm