



Isolayte US



Acoustic membrane for isolating concrete screeds



Technical data:

Surface:	Fine granulate structure
Tensile Strength:	0.7 MPa (DIN 53571)
Elongation at Break:	approx. 75% (DIN 53571)
Density:	700 kg/m ³
Service Temp:	-30°C to + 80°C
Flammability Rating:	B2
Impact Sound:	21dB ΔL _w

Benefits:

- Outstanding impact sound insulation for residential, commercial, or industrial floors
- Easy to Install
- Loose lay system
- Fully Recycled
- Suitable for Refurbishment / New Build
- Can be used with Under Floor Heating
- Excellent Thermal Properties
- Excellent Footfall Noise Reduction

Description:

Isolayte US is a black, soft resilient layer of rubber fibres bound using polyurethane. It retains a high resistance to compressive loads despite a high degree of elasticity.

Applications:

Isolayte US is designed to isolate cementitious screeds to reduce the transfer of impact noise

Roll Sizes:

Roll Length/Width:	10m x 1.25m
Thickness:	3mm and 6mm

Installation

Prepare the structural substrate. The substrate should be cleaned of all loose dirt and debris and dry to a relative humidity of under 70%.

The floor should be level to current flooring standards to a tolerance of 3mm over a 3m straight edge.

The Isolayte US rolls should be unwound where it is to be installed and left to relax for a few hours before cutting to size.

Pre-measure and cut the Isolayte US to the room size. Allow for lapping each joint by a minimum of 50mm and also lapping up at the perimeter of the room by a minimum of 50mm above the height of the finished screed. All joints must be taped.

Lay a visqueen membrane over the top of the rubber to prevent ingress of moisture to the resilient layer.

It is essential that no penetrations occur in the visqueen or Isolayte US materials prior to pouring the screed. Any damaged material should be replaced. Great care should also be taken at the perimeter to see that no screed breaches the lapped Isolayte US material. Any breach of the Isolayte US by the screed could result in the acoustic performance of the material being compromised.



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