



Isolayte OS

Acoustic Isolating Membrane



Benefits

- Easy to Install
- Remains continually elastic
- Fully Recycled
- Minimum Construction Height
- Suitable to be laid over both Concrete and screed floors
- Suitable for Refurbishment / New Build
- Can be used with Under Floor Heating
- Excellent Thermal Properties
- Excellent Footfall Noise Reduction

Suitable for installation with;

- Ceramic Tile
- Sheet Vinyl
- Stone Floors
- Laminate
- Wood Floors
- Parquet
- Carpet
- Flotex
- Marble Floors

Description

Fine Granulate of Recycled Rubber with Cork and PU elastomer bonding agent.

Applications

Isolayte OS Acoustic matting is a resilient layer suitable for use under most floor finishes. It has been developed for use in both commercial and residential buildings, such as apartments, hotels, hospitals, schools and universities. It combines minimum build height with permanent resilience. Isolayte OS is manufactured from waste rubber and cork which is mixed with polymer binder to form a purpose made resilient matting. Isolayte OS has exceptionally good insulating qualities.

Roll Sizes

Roll Length/Width:	20m x 1m
Roll Thickness:	3mm, 4.5mm & 5mm
M ² Weight :	3mm = 2.05Kgs 5mm = 3.62Kgs



Technical data

Colour:	Black/Beige
Surface:	Fine Granulate structure
Tensile Strength:	0.6 N / mm ² (DIN 53571)
Elongation at Break:	3mm approx 50%(DIN 53571) 5mm approx 60%(DIN 53571)
Density:	Approx 390 kg/m ³
Service Temp:	-30°C to + 80°C
Flammability Rating:	B2
Impact Sound :	5mm = 21dB, 3mm = 18dB



Installation

1. **CONCRETE FLOOR** - Any levelling of the floor should be carried out on the concrete prior to fixing the Isolayte OS Matting
2. Acclimatize material to the room by placing material in the room at least 24 hours prior to fixing. Rolls should be un-tensioned and allowed to relax.
3. Cut matting to room dimensions ensuring that the matting joints run horizontally to any floor joint runs.
4. Ensure the surfaces are clean, dry, levelled and smooth before applying approved flooring adhesive for the installation of the Isolayte OS Matting.
5. Allow the adhesive to fully cure at least 24 hours prior to fixing of ceramic or stone flooring.
6. **CERAMIC STONE/STONE FLOORING** – Lay ceramic or stone flooring on Acoustic Matting using an Approved full bed adhesive with flexible additive.
7. Grout tiles using an Approved cementitious grout with flexible additive.

8. Avoid point loading and impact loading of the floor for at least 3 days.

9. Ensure that a 5mm isolation joint is achieved to all perimeters. A 5mm isolation foam is available from Sound Reduction Systems (Impactafoam 50mm x 5mm strips) and should be used to ensure no bridging from the tiles to the perimeter wall.

10. **CARPET/VINYL/WOOD FLOORING** – Fit carpet, PVC or wood flooring over underlay, however gripper rods etc should be bonded down not nailed.

There are a vast number of floor finishes available, and, as such, the installation guidance in this datasheet is given in good faith and to the best of our knowledge. The final decision regarding the compatibility of any floor finish installed onto Isolayte OS must remain the responsibility of the flooring contractor / installer. If in any doubt, please seek advice from the floor finish manufacturer.

About Sound Reduction Systems

Sound Reduction Systems are the UK's leading innovator of acoustic products for both airborne and impact sound insulation and high performance acoustic absorbers to control reverberation. If you have any questions regarding SRS products or to find the most suitable solution for a given situation please don't hesitate to contact our industry leading team of qualified and accredited acousticians for friendly, accurate advice.

Isolayte is part of SRS's extensive range of high performance products which include;

- Maxiboard for walls and ceilings
- Acoustilay underlay for floors
- Maxideck floating floor system
- SoundBlocker for suspended ceilings
- SoundBar cavity barrier
- Acoustic socket and service boxes
- Sonata acoustic absorbers to control reverberation



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