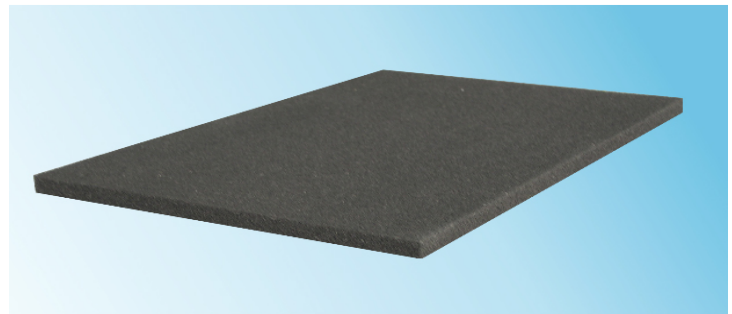


Advantages

- Excellent insulation characteristics.
- No loss of thickness even under high static or dynamic loads.
- Maximum load bearing capacity 3 tonnes/m² (30kN/m²).
- Minimises construction height.
- Resistant to ageing and deformation.
- Permanently elastic, no degradation over time.
- Excellent recovery properties.
- Quick and easy to install.
- Can be fully recycled.



Applications

Wilhams WIL-MAT 70 is applied under the entire screed area in dwellings, commercial and industrial buildings e.g. on intermediate floors as an insulating layer under the screed in workshops, storerooms, industrial units, hotels, hospitals, libraries, schools, universities and general offices.

Description

Wilhams WIL-MAT 70 is resin bonded rubber sheeting that is resistant to ageing and deformation.

Physical Information

Roll width: 1250mm
Roll length: 10m (Non standard lengths are available upon request)
Material thickness: 6mm

Technical Information

Wilhams WIL-MAT 70 conforms to the following specifications:

- Colour – Black / Anthracite
- Weight – 780 kg/m²
- Maximum load bearing – up to 3,000 kg/m²
- Deflection of less than 1mm under load 0.40 MPa and dynamic stiffness of 0.60 MPa at 2.40 N/mm³.
- Tested according to BS EN 29052-1:1992, compliant with Approved Document E.
- Temperature range – -30 to +80°C

Acoustic Performance

Test Product	Floor Type	Impact db (L'nT,w)	Impact db (Ln,w)	Airborne db (C; ctr)
Bare Floor	15mm Screed/ 150mm Concrete Beam	71	76	53 (-1 ; -4)
Wil-Mat 70	65mm Screed / Wil-Mat70 / Concrete Beams	53	58	56 (-1 ; -5)
Tested to robust standard report no. 3916 & 3917				

Installation Guidelines

Before installing the Wilhams WIL-MAT 70, ensure the concrete floor is dry, clean and free of dust. Minor variations of 1-2mm in the concrete surfacing will not be detrimental to the performance of the WIL-MAT 70.

Prior to cutting, unroll the WIL-MAT 70 and leave it to settle for two to three hours. This allows any tensions in the roll from the production process to dissipate.

Lay out the WIL-MAT 70 ensuring that all edges are tightly butted and taped to ensure the sheets do not move apart during the pouring of the screed layer.

To prevent flanking, the WIL MAT 70 must be turned up at the wall edges to a height of 5mm above the finished screed level.

Once the WIL-MAT 70 is laid, cover the entire area with a polythene waterproof membrane, ensuring that any joints are sufficiently overlapped and taped.

