ICB WATERPROOFING
Datasheet

Rubbertech Protective Matting

Rubbertech Protection Matting remains permanently elastic and can be used to protect areas such as water features, roof gardens, mechanical plant and machinery areas etc. The matting does not inhibit plant growth and there is no chemical breakdown or cracking normally associated with concrete screed or Geotextile protection layers. Rubbertech PROTECT mat is the ideal all-round mat made of coarse rubber granulate with a density of 730 Kg/M³ and a variety of thicknesses.

ADVANTAGES

- Versatile Application
- Very good technical rating
- Simple and inexpensive to lay
- Robust (even under heavy traffic conditions)
- Elastic
- Water permeable
- Environmental characteristics (rot resistant, age-resistant,
- long-life, resistant against fungus, insects and microbes
- Chemical resilience (resists effects of acids and alkalis)
- Excellent Acoustic and Anti Vibration qualities, giving an improvement of up to 34 - 36 DB.
- Full Recycled Rubber Granulate

Application Areas
Flat Roofs
Landscaped Roofs
Tunnels and underground
Garages
Parking

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TECHNICAL DATA

Application	Protective sheeting for the building construction industry
Material	Polyurethane-bonded recycled tyre granulate
Composition	Coarse granulate
Mass density kg/m³ - DIN EN ISO 845	730 kg/m³ ± 5%
Standard dimensions	20m x 1m x 3mm; 10m x 1.25m x 3mm; 10m x 1.25m x6mm; 6m x 1.25m x 10mm
Dimensional tolerance – DIN 7715-2 M4	± 1.5 %
Testing thickness – DIN 53534	10 mm
Compression test according – DIN EN ISO 3386-2	CC25 = 539 kPa CC40 = 1803 kPa CC50 = 4660 kPa
Compression at 10% pressure – DIN 53421	0.24 MPa (E-Module) 2.9 MPa
Tensile strength – DIN EN ISO 1798	0.42 MPa (average)
Elongation at break – DIN EN ISO 1798	48 % (average)
Shore-A-hardness – DIN 53505	48-52 A
Thermal conductivity – DIN 52612	0.14 W/m K
Water vapour transmissions – DIN EN ISO 12572	µ14
Chemical resistance	Resistant against acids and bases. Conditionally resistant against oils
Temperature tolerance	-40 to +110 °C (for a limited time)
Fire classification – DIN 4102	B2 (DIN 4102 Part1) | Broof (t4)
Date of Issue	01/2009 – (No update requirement)

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