



RUBBERTECH PROTECT

STRUCTURAL PROTECTION MATTING & PAVE PADS

Modern architecture and contemporary building trends now require high performance acoustic and thermal insulation which also work in hand with the best quality waterproofing membranes.

Therefore, the protection of these membranes is of utmost importance. Rubbertech Protect will not only provide good insulation values but it will also protect membrane and insulation boards from damage, thereby drastically reducing the risk of damage to the main roof structure. Some of the products stand out properties are listed here:

- 100% recycled rubber granulate
- Versatile application
- Excellent technical rating
- Quick to lay / fit
- Cost effective
- Elasticated
- Permeable
- Rot, age, fungi, insect & microbe resistant
- Resilient to chemicals (acids & alkalis)
- Excellent acoustic and anti-vibration qualities



Rubbertech Protect remains permanently elasticated and has a diverse range of applications to include; water features, roof gardens, mechanical plant and protection of surfaces from heavy machinery. The matting will not inhibit plant growth and there is no chemical breakdown or cracking usually associated with concrete screed or Geotextile protection layers.

Rubbertech Protect's density of 730Kg/m³ in a variety of thicknesses makes it your go to product when looking for a cost effective, durable and good quality solution - a short listing of it's most popular applications are listed below:

- Flat roofs
- Landscaped roofs
- Tunnels & underground garage
- Over ground parking & garage
- Under gravel, plate cover & greenery
- Under concrete plates & wood
- Structural & civil engineering

PROTECT - TECHNICAL DATA

Application	Protective layer for the roofing, insulation and general construction industry
Material	Recycled rubber granulate bonded with a cold cure PUR
Granulate Structure	Coarse
Mass density kg/m ³ - DIN EN ISO 845	730 kg/m ³ ± 5%
Standard dimensions	20m x 1m x 3mm; 10m x 1.25m x 3mm; 10m x 1.25m x 6mm; 6m x 1.25m x 10mm; sheets available upon request.
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 CC 5 0 = 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	46 % (average)
Shore-A-hardness – DIN 53505	48-52 A
Thermal conductivity – DIN 52612	0.14 W/m K
Water vapour transmissions – DIN EN ISO 12	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
Date of Issue	01/2009 – (No update requirement)