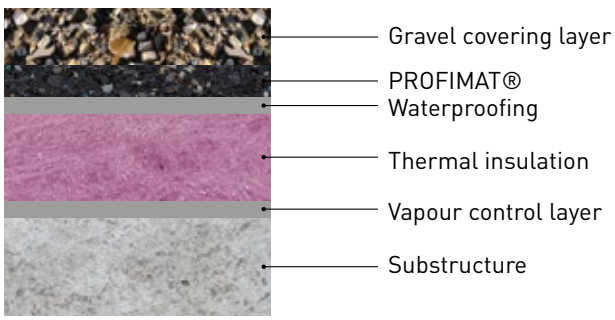
PROFIMAT®
SICHERN • DÄMMEN • SCHÜTZEN

PROFIMAT® structural protection mat – different dimensions

- Protection of the substrate / waterproofing membrane on classic flat roofs (acc. to DIN 18531, 18533, 18535)
- high resistance & resilience
- rot-proof
- permanently elastic
- high temperature resistance (-30°C to 120°C)
- easy cutting with cutter knife
- made of rubber granulate, can be recycled at the end of its life

- **2,000 x 1,000 x 8 mm**
- **1,200 x 800 x 6 mm**



ON FLAT ROOFS

The PROFIMAT® structural protection mat is the optimum mat for used and unused flat roofs*. It is often used under gravel-topped roofs to prevent damage to the waterproofing by sharp or abrasive aggregates or by susequent maintenance work.

* Compatibility with waterproofing must be tested

This data sheet is not subject to any updating service! All information is provided without guarantee.
The current, valid version is available at www.profimat.com

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Made in Germany

PROFIMAT® structural protection mat/-roll – data sheet

Application

The PROFIMAT® structural protection mat offers protection against mechanical damage for high-quality waterproofing in accordance with DIN 18531, 18533, 18535 and can be used on flat roofs and terraces. The PROFIMAT® Building Protection Mat also performs its optimal protective function in civil engineering and in garden and landscape construction.
If a full-surface covering is technically impossible or not desired (e.g. when used under slatted frame constructions or other coverings with open joints), we recommend the use as pads or strips. The compatibility with the sealing must be checked.

Material

Recycled rubber granules (typical rubber scent possible) bound with polyurethane.

Product design		
Colours	black/interspersed with colour	
Surface	granule structure	

Dimensions / Tolerance		
Mat: **Length x Width**	2.000 x 1.000 mm 1.200 x 800 mm	± 1,5 %
Thickness	6, 8 mm	± 0,6 mm
Rolls: **Roll length x with**	1.000 x 8.000 (at 8 mm thickness) 1.000 x 10.000 (at 6 mm thickness)	± 1,5 %
Thickness	6, 8 mm	± 0,6 mm

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Dimensions / Tolerance		
Volume weight	approx. 810 kg/m³	
Area weight	approx. 4,86 kg/m² (at 6 mm) approx. 6,48 kg/m² (at 8 mm)	

Product testing		
Tensile strength	approx. 0,3 N/mm²	(DIN EN ISO 1798)
Elongation at break	approx. 40%	(DIN EN ISO 1798)
Fire resistance	E_{ft}(B2)	(DIN EN 13501-1)
Chemical resistance	conditionally resistant to acids and bases	
Environmental resistance	rot-proof and water-resistant	
Compression under traffic load	at 8 mm: approx. 19 t/m² at 10% compression approx. 50 t/m² at 20% compression	(according to DIN EN ISO 3386-2)
Expansion due to humidity	min. 2% (depending on humidity and situation of installation)	
Salt water resistance	resistant according to DIN EN ISO 175 and DIN EN ISO 3386-2	
UV-Resistance	resistant according to DIN EN 1297 and DIN EN ISO 3386-2	

Installation
The installation is carried out according to the PROFIMAT® structural protection mat installation instructions.

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