

## PROFIMAT<sup>®</sup> 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



Durability



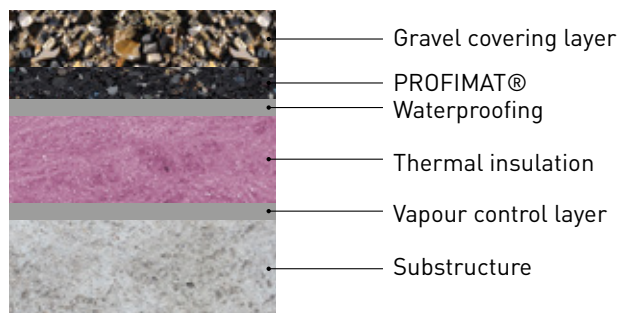
Freeze and  
weather resistant



Acoustic  
Insulation



Protection



### ON FLAT ROOFS

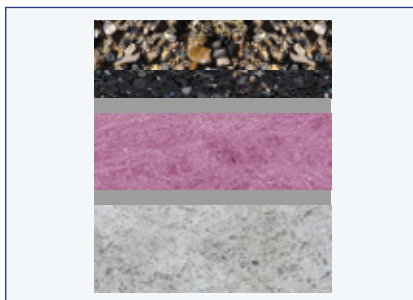
The PROFIMAT<sup>®</sup> structural protection mat is the optimum mat for used and unused flat roofs\*. It is often used under gravel-topped roofs to prevent damage to the waterproofing by sharp or abrasive aggregates or by subsequent maintenance work.

\* Compatibility with waterproofing must be tested

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## PROFIMAT<sup>®</sup> structural protection mat/-roll – data sheet



### Application

The PROFIMAT<sup>®</sup> 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<sup>®</sup> 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	
<b>Colours</b>	black/interspersed with colour
<b>Surface</b>	granule structure

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

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Dimensions / Tolerance	
<b>Volume weight</b>	approx. 810 kg/m <sup>3</sup>
<b>Area weight</b>	approx. 4,86 kg/m <sup>2</sup> (at 6 mm) approx. 6,48 kg/m <sup>2</sup> (at 8 mm)

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