



# RUBBERSELECT.

## Data sheet protection mats

**STRONG** This special heavy-duty rubber granulate mat not only protects various waterproofing foils, insulation and membranes from mechanical damages but also protects where there is a higher mechanical load or an increased tensile strength is required. The protective mats are quickly installed and immediately accessible.



<b>Quality type</b>	<b>081.0850 STRONG</b>	
<b>Formats</b>		
Roll width	1'250 mm (untrimmed)	
Thicknesses	3   4   6   8   10   12   15 mm	
Lengths	20   15   10   8   6   5   4 m	
Sheet formats	On request	
Tolerances	Length and width $\pm 1.5\%$ , thickness $\pm 5\%$	
<b>Material</b>		
Properties	Tough elastic, high compression resistance, impact and tensile strength, water compatible and permeable through material structure, moisture resistant.	
Composition	SBR caoutchouc granules bonded with PUR.	
<b>Specifications</b>		
Bulk density	Approx. 850 kg/m <sup>3</sup>	
Ultimate tensile strength	> 0.8 N/mm <sup>2</sup>   Elongation at break: 67%	ISO 37 and ISO 1798
Temperature stability	-30° C to +80° C (in resting condition -120° C and for short periods up +300° C)	
Fire behaviour	Efl (normal inflammable; B2)	EN 13501
Vapour diffusion	Vapour permeable	
Chemical behaviour	Resistant to water, numerous diluted acids and alkaline solutions; Chemically neutral; UV-resistant	
<b>Installation</b>		
Laid loose onto or adhered to waterproofing foil. After laying, immediately cover with gravel or top soil, flagstones, etc. The rolls are overlapped by a hand's width. Any overlaps may be glued together as required using a suitable adhesive.		