



# RUBBERSELECT.

## Data sheet protection mats

Our heavy-duty rubber granulate mats protect all sorts of waterproofing foils, insulation and membranes from mechanical damage e.g. caused by sharp stones. They are quickly installed and immediately accessible. Range of applications: Flat roofs, gardens on roofs and in underground garages, multi-storey car parks (beneath driving surface), etc.



Quality type	080.0730 STANDARD	
Formats		
Roll width	1'250 mm (untrimmed)	
Thicknesses	5   6   8   10   12   15   20 mm	
Lengths	12   10   8   6   5   4   4 m	
Tolerances	Length and width ± 1.5%, thickness ± 5%	
Material		
Properties	Tough elastic, high compression resistance and impact strength, water compatible and permeable through material structure, moisture resistant.	
Composition	SBR caoutchouc granules bonded with PUR.	
Specifications		
Bulk density	Approx. 730 kg/m³	
Ultimate tensile strength	> 0.4 N/mm²   Elongation at break: 44%	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
Compression set (DVR)	10 mm: 17% DVR with a compression of 25%	ISO 815
Static and dynamic stiffness	10 mm: Please look at page 2 for a detailed evaluation	
Vapour diffusion	Vapour permeable	
Chemical behaviour	Resistant to water, numerous diluted acids and alkaline solutions; Chemically neutral; UV-resistant	
Installation		
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.		
Remarks		