

PRODUCT DATA SHEET

REGUPOL SOLAR SPECIAL

Protection layer on flat roofs and underneath Solar Systems

- **REGUPOL solar special** is a special protective layer for flat roof waterproofing installed under photovoltaic and solar power systems on flat roofs.
- This special version provides protection from plasticiser migration and has a flame-retardant finish.
- Laminated with a self-adhesive installation aid and aluminium Triplex foil; makes installation easier.
- Provides protection from mechanical, thermal and chemical influences.
- Permanently elastic, stable under pressure and resistant to microbes, temperature fluctuations and ageing.
- Water-permeable and open to water vapour diffusion, rot-proof and resistant to acids and alkalis as far as possible.
- Can be adapted to suit the mounting system.



Product

Name of Product	REGUPOL solar special	
Colour	black	
Material	elastic premanufactured mat made from selected rubber bound with polyurethane / flame retardant, lined with a triplex aluminium foil on its underside and self-adhesive lamination on the top side	
Thickness	8 mm	
Technical Data		
Specific Weight	780 kg/m ³ ,	
Weight per m ²	8 mm = 6.12 kg	
Tensile Strength (without lamination)	8 mm = 0.50 N/mm ²	following DIN EN ISO 1798
Elongation at Break (without lamination)	8 mm = 40 %	following DIN EN ISO 1798
Stress at 25 % Compression (without lamination)	0.70 N/mm ²	DIN EN ISO 3386-2
Temperature Resistance	- 40° C up to 90° C	
Fire Resistance	BROOF (t1)	DIN EN 13501-5
Certification	 Cradle to Cradle Certified® is a registered trademark of the Cradle to Cradle Products Innovation Institute (C2CPII). REGUPOL solar special is Cradle to Cradle Certified® at the Bronze level.	

The above-mentioned test data are based on periodical laboratory testing of test specimen taken from the actual manufacturing process and show the average values measured. The publishing of these technical data does not relieve the user of the necessity to test the relevant product for physical fitness based on a specific application. As the final use and application of our products are out of our control, this is the sole responsibility of the buyer / end user. All our products do carry a warranty against manufacturer's defects according to our standard terms and conditions of sale. Due to deviations in raw materials, external influences like temperature and humidity variations, and the fact that this data relates to a resilient material the above-mentioned values are subject to vary up to +/- 25%.