

PRODUCT DATA SHEET

REGUPOL SOLAR ALU GLUE

Photovoltaic system for flat roofs

- **REGUPOL solar alu glue** is a protective layer for flat roof waterproofing installed under photovoltaic and solar power systems on flat roofs.
- Underside lamination with aluminium Triplex foil prevents plasticiser migration.
- The self-adhesive top side makes installation easier.
- Designed to suit the mounting system and can be customised.
- Resistant to acids and alkalis as far as possible.
- Height compensating, resistant to microbes, pressure and temperature, permanently elastic, resistant to ageing, open to water vapour diffusion, water-permeable, rot-proof.



Product

Name of Product	REGUPOL solar alu glue	
Colour	black	
Material	elastic premanufactured mat made from selected rubber bound with polyurethane, lined with a triplex aluminium foil on its underside and self-adhesive lamination on the top side	
Thickness	6 mm, 8 mm, 10 mm	
Technical Data		
Specific Weight	780 kg/m ³ ,	
Weight per m ²	6mm = 4.68 kg, 8 mm = 6.24 kg, 10 mm = 7.80 kg	
Tensile Strength (without lamination)	6 mm = 0.50 N/mm ² 8 mm = 0.65 N/mm ² 10 mm = 0.65 N/mm ²	following DIN EN ISO 1798
Elongation at Break (without lamination)	6 mm = 45 %, 8/10mm = 55 %	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	Class E	DIN EN 13501-1
Certification	 Cradle to Cradle Certified® is a registered trademark of the Cradle to Cradle Products Innovation Institute (C2CPII). REGUPOL solar alu glue 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%.