

PRODUCT DATA SHEET

REGUPOL SOLAR ALU FIRE

Photovoltaic system for flat roofs

- **REGUPOL solar alu fire** is a special protective layer for flat roof waterproofing installed under photovoltaic and solar power systems on flat roofs.
- The flame-retardant finish ensures resistance to flying sparks and radiant heat.
- Meets the requirements for „hard roofing“ (BROOF (t1) classification in acc. with DIN EN 13501-5
- Reduces the fire load on flat roofs.
- Aluminum Triplex foil prevents plasticiser migration
- Compatible with all standard waterproofing systems on the market, including non rubber-compatible ones, such as soft PVC.
- Resistant to acids and alkalus as far as possible.
- Simple and efficient installation.



Product

Name of Product	REGUPOL solar alu fire	
Colour	black	
Material	elastic premanufactured mat made from selected rubber bound with polyurethane, lined with a triplex aluminium foil on its underside / flame retardant	
Thickness	8 mm	
Technical Data		
Specific Weight	765 kg/m ³ ,	
Weight per m ²	6.12 kg	
Tensile Strength (without lamination)	0.50 N/mm ²	following DIN EN ISO 1798
Elongation at Break (without lamination)	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 115° C	
Fire Resistance	BROOF (t1)	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 fire 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%.