

PRODUCT DATA SHEET



REGUPOL SOLAR FIRE

Photovoltaic system for flat roofs

- **REGUPOL** solar fire is a protective layer for flat-roof PV systems wherever increased fire protection requirements are in force.
- The fire protection equipment reduces the building's fire load.
- Flame retardant.
- Classified as 'hard roofing' (BROOF t1) in acc. with DIN E 13501-5, resistant to flying sparks and radiant heat.
- Protects waterproofing and insulation under photovoltaic systems from mechanical, thermal and chemical influences.
- Can be customised and tailored to suit the mounting system.
- General building authority approval certificate P-20150703 for the 8 mm version.
- Increases static friction



Product

Name of Product	REGUPOL solar fire	
Colour	black	
Material	elastic premanufactured mat made from selected rubber bound with polyurethane, lined with a triplex aluminium foil on its underside	
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 is Cradle to Cradle Certified® at the Bronze level.	
	 Environmental Product Declaration as per 14025 and EN 15804	

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%.