

PRODUCT DATA SHEET



REGUPOL RESIST FIRE

Protection layer for constructional and industrial applications

- **REGUPOL resist fire** provides reliable protection for flat roof waterproofing and insulation from mechanical, thermal and chemical influences.
- The product is classified as 'hard roofing'.
- General building authority approval certificate P-MPA-E-21-506.
- B_{ROOF} (t1) classification in acc. with DIN EN 13501-5, tested according to DIN CEN/TS 1187.
- Reduces the flame load on the flat roof and thus offers installers and building owners additional safety, complying with increased requirements.
- Simple and efficient installation.
- Resistant to acids and alkalis as far as possible.
- Pressure-resistant, resistant to microbes, ageing and temperature, permanently elastic, water-permeable, open to water vapour diffusion and rot-proof.



Product

Name of Product	REGUPOL resist fire	
Colour	black	
Material	elastic premanufactured mat made from selected rubber bound with polyurethane/ 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) E	DIN EN 13501-1
Certification	 Cradle to Cradle Certified® is a registered trademark of the Cradle to Cradle Products Innovation Institute (C2CPII). REGUPOL resist fire is Cradle to Cradle Certified® at the Bronze level.	
	 Environmental Product Declaration	

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%.