

# PRODUCT INFORMATION

## REGUPOL solar alu fire




### Application

Protection layer on flat roofs and underneath Solar Systems

### Product

Name of Product	<b>REGUPOL solar alu fire</b> <sup>(1)</sup>
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 <sup>3</sup>	
Weight per m <sup>2</sup>	6.12 kg	
Tensile Strength (without lamination)	0.50 N/mm <sup>2</sup>	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 <sup>2</sup>	DIN EN ISO 3386-2
Temperature Resistance	- 40° C up to 90° C	
Fire Resistance	<b>B<sub>ROOF</sub>(t1)</b>	DIN EN 13501-5
Certification		Cradle to Cradle Certified® is a registered trademark of the Cradle to Cradle Products Innovation Institute (C2CPII). <b>REGUPOL solar alu fire</b> is Cradle to Cradle Certified® at the Bronze level.

**Notice:** 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 of 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%.

<sup>(1)</sup> European patent corresponding to item 97 (1) EPC 25 89 894