

# PRODUCT DATA SHEET


## REGUPOL RESIST ALU

### Protection layer on flat roofs and underneath Solar Systems

- **REGUPOL resist alu** provides reliable and sustainable protection for flat roof waterproofing and insulation.
- Protection from mechanical, thermal and chemical influences.
- Underside is laminated with an aluminium triplex film to prevent plasticiser migration from non-rubber-compatible waterproofing systems.
- Compatibility guaranteed with all standard building and flat roof waterproofing systems.
- 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. Height compensating, water-permeable, temperature-resistant.



### Product

Name of Product	<b>REGUPOL resist alu</b>	
Colour	black, perhaps with coloured particles	
Material	elastic premanufactured mat made from selected rubber bound with polyurethane, lined with a triplex aluminium foil on its underside	
Thickness	6 mm (large material thicknesses possible on request)	
<b>Technical Data</b>		
Specific Weight	≥ 671 kg/m <sup>3</sup>	
Weight per m <sup>2</sup>	≥ 4.02 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)	0.50 N/mm <sup>2</sup>	DIN EN ISO 3386-2
Temperature Resistance	- 40° C up to 115° 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). <b>REGUPOL resist alu</b> 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%.