

Product Information Sheet

Regupol® Safety Tile FX50

1. Product	Name of Product : Regupol® Safety Tile FX50 Colour : terracotta or black Material : rubber fibres (buffing) Size : 1000 x 500 x 50 mm																											
2. Technical Data	<table border="0"> <tr> <td>1.) Weight per m²</td> <td>: 29.48 kg/m²</td> <td></td> </tr> <tr> <td>2.) Water permeability</td> <td>: 0.7 cm/sec.</td> <td>DIN 18 035, part 6</td> </tr> <tr> <td>3.) Tensile Strength</td> <td>: 1.00 N/mm²</td> <td>following DIN EN ISO 1798</td> </tr> <tr> <td>4.) Elongation at Break</td> <td>: 95%</td> <td>following DIN EN ISO 1798</td> </tr> <tr> <td>5.) Tear Resistance</td> <td>: 7.0 N/mm</td> <td>following DIN ISO 34-1</td> </tr> <tr> <td>6.) Stress at 25% Compression</td> <td>: 0.15 N/mm²</td> <td>DIN EN ISO 3386-2</td> </tr> <tr> <td>7.) Critical drop height (HIC)</td> <td>: 1.55 m</td> <td>DIN EN 1177</td> </tr> <tr> <td>8.) Heat Resistance</td> <td>: up to 80° C, shortly up to 100° C</td> <td></td> </tr> <tr> <td>9.) Dimensional Tolerances</td> <td>: Length/Width ±1% Thickness ±2 mm</td> <td></td> </tr> </table> <p>Approx. 10 mm of an element will be splitted off and punched out as per the corresponding standard in order to determinate the test results of no. 3, 4 and 5.</p>	1.) Weight per m ²	: 29.48 kg/m ²		2.) Water permeability	: 0.7 cm/sec.	DIN 18 035, part 6	3.) Tensile Strength	: 1.00 N/mm ²	following DIN EN ISO 1798	4.) Elongation at Break	: 95%	following DIN EN ISO 1798	5.) Tear Resistance	: 7.0 N/mm	following DIN ISO 34-1	6.) Stress at 25% Compression	: 0.15 N/mm ²	DIN EN ISO 3386-2	7.) Critical drop height (HIC)	: 1.55 m	DIN EN 1177	8.) Heat Resistance	: up to 80° C, shortly up to 100° C		9.) Dimensional Tolerances	: Length/Width ±1% Thickness ±2 mm	
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3. Notice	<p>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%.</p>																											