

# TECHNICAL DATA

## REGUPOL PLAYFIX AQUA



Properties	Standard	Result
Thickness	none	45 mm, 60 mm, 75 mm, 85 mm, 95 mm, 130 mm
Weight		45 mm = 31.5 kg/m <sup>2</sup> 60 mm = 40.0 kg/m <sup>2</sup> 75 mm = 48.0 kg/m <sup>2</sup> 85 mm = 50.0 kg/m <sup>2</sup> 95 mm = 54.0 kg/m <sup>2</sup> 130 mm = 70.0 kg/m <sup>2</sup>
HIC	1177:2018	45 mm = 1.36 m 60 mm = 1.73 m 75 mm = 1.90 m 85 mm = 2.33 m 95 mm = 2.50 m 130 mm = 3.31 m
Impact resistance	based on EN 1517	> 21 Nm
Fire class rating	DIN EN 13501 upgradable depending on add-on for B <sub>ROOF</sub> (t1) (DIN EN 13501-5 / DIN CEN/TS 1187:2012) and Bfl-s1 (DIN EN 13501-1:2019-05)	E <sub>fl</sub>
Slip resistance	DIN 51130	R 10
Electrostatic behaviour	EN 1815	- 5 kV/ antistatic
Tensile strength	based on DIN EN ISO 1798	surface layer only: 532 kPa
Residual indentation	based on EN 433	45 mm = 0.99 mm after 24 h 60 mm = 0.99 mm after 24 h 75 mm = 1.03 mm after 24 h 85 mm = 1.09 mm after 24 h 95 mm = 1.09 mm after 24 h 130 mm = 1.11 mm after 24 h
Elongation at break	based on DIN EN ISO 1798	surface layer only: 35 %
Abrasion	based on DIN ISO 4649	surface layer only: rel. loss in volume = 1.157 mm <sup>2</sup>
Hardness	based on DIN ISO 7619 - 1	surface layer only: approx. 54 Shore A
Migration of certain elements	EN 71 - 3	passed
Water permeability	based on DIN 18035 - 6	> 20 litres / m <sup>2</sup> / sec.
Chlorine resistance	based on DIN EN ISO 175	passed
Temperature resistance	In-house testing	- 30 to + 70 °C
Abrasion resistance	DIN 18035 - 6 / DIN EN 14877:2013	Wear layer: passed
Sliding behaviour	DIN 18035 - 6	dry: $\mu$ 0.69 wet: $\mu$ 0.54
Cold breaking resistance	In-house testing	24 h / - 40 °C, no break
Resistance to cold	In-house testing	5 h / - 30 °C, no cracks
Quality ISO	ISO 9001, ISO 14001, ISO 50001, BS OHSAS 18001	