

Technisches Datenblatt

Technical characteristics	Performance		Standard and details of test method
	RIT 7	RIT 15	
External appearance	Multi-layer mat with a layer arrangement - product without mechanical damage		
Number of layers	7	15	
Length, m	12 ± 5%	12 ± 5%	EN 1848-2
Width, m	1,2 ± 5%	1,2 ± 5%	EN 1848-2
Area density, g/m ²	305 ± 5%	410 ± 5%	EN 1849-2
Maximum tensile force, N/50 mm: - machine direction - transverse direction	≥ 320 ≥ 260	≥ 450 ≥ 420	EN 12311-2
Relative elongation at maximum force, %: - machine direction - transverse direction	≥ 4,0 ≥ 3,5	≥ 4,0 ≥ 3,5	
Shear strength of the joint ¹⁾ determined by the maximum tensile force, N: - longitudinal overlap - transverse overlap	≥ 110 ≥ 120	≥ 110 ≥ 130	EN 12317-2
Declared thermal resistance of the mat at temperature 10 °C, m ² · K/W	0,31	0,59	EN 12667
Classification regarding reaction to fire, class	F	F	EN 13501-1
Emission of volatile organic compounds (VOC) – time necessary to reach permissible concentrations of substances harmful to health, days	≤ 28		EN ISO 16000-9 ISO 16000-6 ISO 16000-3 EN 16516
¹⁾ overlap joint, 50 mm wide, sealed with single-sided PP metalized adhesive tape, 75 mm wide			

