

Rubber Flooring Specyfication Sheet

EN1817/EN 12 199	Test Method	Requirements	Average test results from running production			
Thickness	EN 428	Nominale EN 12 199	2.7 mm	-	-	4.0 mm
Hardness	ISO 7619	>= 75 Shore A	88+/-5	88+/-5	88+/-5	88+/-5
Abrasion resistance at 5N Load	ISO 4649, Procedure A	<= 250 mm ³	140 mm ³	130 mm ³	140 mm ³	140 mm ³
Residual indentation	EN 433	Mean Value <= 0.25 mm at thickness =< 3.0mm Mean Value <= 0.20 mm at thickness =< 3.0mm	0.15 mm	0.15 mm	0.15 mm	0.15 mm
Dimensional stability	EN 434	+/- 0.4%	+/- 0.3%	+/- 0.3%	+/- 0.3%	+/- 0.3%
Flexibility	En 435, Procedure A	Mandrel Diameter 20 mm, no fissuring				
Tear-strength	ISO 34-1 Method B ,procedure A	Mean volue >= 20 N/mm	40 N/mm	38 N/mm	40 N/mm	38 N/mm
Colour Fastness to artificial light	EN 20 105-B02, Procedure 3, Test Conditions 6.1 a)	At least level 6 on the blue scale level >=3 on the Grey scale (=350MJ/m)	Grey scale >= level 3 acc. To EN 20 105-A02			
Toxixity of the gases	DIN 53 436		Non Toxic	Non Toxic	Non Toxic	Non Toxic
Cigarette-burn resistance	EN 1399	Prodedure A (stubbed out) level >=4 Procedure B (burning) level >=3	fulfilled			
Thermal conductivity	DIN 52 612		Suitable for underfloor heating systems			
Anti-slip properties	DIN 51 130	According BGR 181	R9	R9	R9	R9
Effect of chemicals	EN 423		Resistance depending on concentration and time of exposure			
Improvement in footfall sound absorption	ISO 140-8		6 dB	10 db	6 dB	12 dB
Electrical insulation properties	IEC 60093, VDE 0303 .T.30		>10 ¹⁰ Ohm			
Electrical propensity when walked upon	EN 1815		antistatic, charging in case of rubber soles < 2kV			
Effect of castor chair	EN 425		suitable if castor wheels, Type W, according to EN 12 529 are used			
Classification	EN 685	Residential/Commercial/Industrial	23/32/42	23/34/43	23/32/42	23/34/43
CE Conformity	EN 14041					
Dynamic coefficient of friction	EN 13 893		DS	DS	DS	DS
Reaction to fire	EN 13 501-1		Bfl-s1	Bfl-s1	Bfl-s1	Bfls1