

	Test method	Requirements	Average test results from running production					
			unt 2.0 mm	signa 2.0 mm stone 2.0 mm senifica 2.0 mm	unitha 2.0 mm	ultra grip 2.0 mm	eco 2.0 mm	signa 3.0 mm senifica 3.0 mm
CE conformity	EN 14 041		Manufacturer: nora systems GmbH, D-69469 Weinheim					
DoP-No.	EN 14 041		0018	0016	0010	0015	0016	0017
Dynamic coefficient of friction	EN 13 893	DS	Fulfilled					
Reaction to fire	EN 13 501-1	Not bonded	B _F s1	B _F s1, bonded	C _F s1	C _F s1	B _F s1, bonded	C _F s1
Reaction to fire	EN 13 501-1	Bonded on mineral subfloor	B _F s1	B _F s1	C _F s1	B _F s1	B _F s1	B _F s1

Properties acc. to EN 1817

Thickness	EN ISO 24 346	Mean value without foam backing ± 0.15 mm with foam backing ± 0.20 mm	2.0 mm	2.0 mm	2.0 mm	2.0 mm	3.0 mm	- 4.0 mm
Dimensional stability	EN ISO 23 999	± 0.4 %	± 0.3 %					
Cigarette-burn resistance	EN 1399	Procedure A (stuffed out) level ≥ 4 Procedure B (burning) level ≥ 3	Fulfilled					
Flexibility	EN ISO 24 344, procedure A	Mandrel diameter 20 mm, no fissuring	Fulfilled		Not fulfilled		Fulfilled	
Hardness	ISO 7619	≥ 75 Shore A	94 Shore A	92 Shore A	92 Shore A	92 Shore A	92 Shore A	85 Shore A
Residual indentation	EN ISO 24 343	Mean value ≤ 0.15 mm at thickness < 2.5 mm	0.05 mm	0.05 mm	0.05 mm	0.05 mm	-	-
		Mean value ≤ 0.20 mm at thickness ≥ 2.5 mm	-	-	-	-	0.05 mm	-
		acoustic: Mean value ≤ 0.25 mm	-	-	-	-	-	0.25 mm
Abrasion resistance	ISO 4649, procedure A	≤ 250 mm ³	130 mm ³	150 mm ³	90 mm ³	150 mm ³	150 mm ³	130 mm ³
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 (= 350 MJ/m ²)	Grey scale ≥ level 3 acc. to EN 20 105-A 02					
Classification	EN ISO 10 874	Residential/Commercial/Industrial	23/34/42	23/34/42	23/34/42	23/34/42	23/34/43	23/33/-

Additional technical properties

Toxicity of fire gases	DIN 53 436		Carbonisation gases are non-toxic					
Anti-slip properties	DIN 51 130	According to BGR 181	R 9	stone: R 10 Others: R 9	R 11	R 9	R 9	stone acoustic: R 10 Others: R 9
	DIN 51 097		-	stone: A; B	A; B; C	-	-	-
	BS 7976 TRRL Pendulum		-	-	36+ Wet & dry	-	-	-
	SATRA TM 144		-	-	Wet: > 0.6 Dry: > 0.45	-	-	-
Improvement in footfall sound absorption	ISO 10 140-3		6 dB	6 dB	7 dB	6 dB	8 dB	20 dB
Effect of chemicals	EN ISO 26 987		Resistant depending on concentration and time of exposure*					
Thermal conductivity	EN 12 667		0.54 W/mK	0.61 W/mK	0.61 W/mK	0.61 W/mK	0.61 W/mK	0.12 W/mK
			Suitable for underfloor heating systems					
Electrical insulation properties	IEC 60 093, VDE 0303 T.30		> 10 ¹⁰ Ohm					
Electrical propensity when walked upon	EN 1815		Antistatic, charging in case of rubber soles < 2 kV					
Effect of a castor chair	EN 425		Suitable if castor wheels, type W, according to EN 12 529 are used					

* In case of increased impact of oils, grease, acids, alkalis and other aggressive chemicals please contact us.

EN 1817: Specification for homogeneous and heterogeneous smooth elastomer floor coverings

Colour variations due to different production batches as well as technical alterations to improve the product have to be accepted.