

	Test method	Requirements	Average test results from running production						
			926	926 strada 926 grano 926 serra	825	986 luxor	923 923 grano	992 992 grano	975 LL
CE conformity	EN 14 041		← Manufacturer: nora systems GmbH, D-69469 Weinheim →						
Dynamic coefficient of friction	EN 13 893	DS	← fulfilled →						
Reaction to fire	EN 13 501-1		C _F -s1	C _F -s1	C _F -s1	B _F -s1	C _F -s2	B _F -s1	

Properties acc. to EN 1817/EN 12 199

Thickness	EN 428	Mean value ± 0.20 mm according to EN 12 199	4 mm		3.2 mm (Art. 1902)		4 mm (Art. 354)	9 mm (Art. 1956)	3.5 mm
		Mean value ± 0.15 mm according to EN 1817		3.5 mm	2.7 mm (Art. 1910)	3.5 mm	3.5 mm (Art. 1880)	9 mm (Art. 1955)	
Dimensional stability	EN 434	± 0.4 %	← ± 0.3 % →						± 0.1 %
Tear strength	ISO 34-1 method B, procedure A	Mean value ≥ 20 N/mm	40 N/mm	40 N/mm	40 N/mm	45 N/mm	50 N/mm	40 N/mm	50 N/mm
Cigarette-burn resistance	EN 1399	Procedure A (stubbed out) ≥ level 4 Procedure B (burning) ≥ level 3	← fulfilled →			-	← fulfilled →		
Flexibility	EN 435, procedure A	Mandrel diameter 20 mm, no fissuring	← fulfilled →						
Hardness	ISO 7619	≥ 75 Shore A	82 Shore A	82 Shore A	88 Shore A	92 Shore A	93 Shore A	72 Shore A	85 Shore A
Residual indentation	EN 433	Mean value ≤ 0.25 mm at thickness ≥ 3.0 mm Mean value ≤ 0.20 mm at thickness ≤ 3.0 mm	0.2 mm	0.2 mm	0.15 mm	0.10 mm	0.15 mm	0.30 mm	0.07 mm
Abrasion resistance	ISO 4649, procedure A	≤ 250 mm ³	115 mm ³	115 mm ³	140 mm ³	110 mm ³	125 mm ³	90 mm ³	150 mm ³
Colour fastness to artificial light	EN 20 105-802, 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-A02 →						
Classification	EN 685	Residential/Commercial/Industrial	23/34/43	23/34/43	23/32/41	23/34/43	23/34/43	23/34/43	23/34/43

Additional technical properties

Fire behaviour	DIN 4102		B1	B1	B1	B1	B1	B2	B1
Toxicity of fire gases	DIN 53 436		carbonisation gases are non-toxic		-	-	carbonisation gases are non-toxic	-	carbonisation gases are non-toxic
Anti-slip properties	DIN 51 130	according to BGR 181	R 9	R 9 strada + serra = R 10	R 9	R 9	R 9	R 9	R 9
	DIN 51 097		A; B	strada + serra A; B	-	-	-	-	-
Improvement in footfall sound absorption	ISO 140-8		12 dB	10 dB	1902 = 9 dB 1910 = 6 dB	8 dB	354 = 12 dB 1880 = 10 dB	15 dB	8 dB
Effect of chemicals	EN 423		← resistant depending on concentration and time of exposure* →						
Thermal conductivity	DIN 52 612		0.42 W/mK	0.42 W/mK	0.43 W/mK	0.40 W/mK	0.53 W/mK	0.21 W/mK	0.42 W/mK
Electrical insulation properties	IEC 60093, VDE 0303 T.30		← suitable for underfloor heating systems →						
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
EN 12 199: Specification for homogeneous and heterogeneous profiled elastomer floor coverings

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