

	Test method	Requirements	Average test results from running production				
			976	976 satura 976 grano 976 serra 976 crossline	825	992 992 grano	975 LL
<b>CE conformity</b>	<b>EN 14 041</b>		← Manufacturer: nora systems GmbH, D-69469 Weinheim →				
DoP-No.	EN 14 041		0021		0004	0023	0024
Dynamic coefficient of friction	EN 13 893	DS	← Fulfilled →				
Reaction to fire	EN 13 501-1	Not bonded	C <sub>F</sub> s1		C <sub>F</sub> s1	C <sub>F</sub> s2	B <sub>F</sub> s1
Reaction to fire	EN 13 501-1	Bonded on mineral subfloor	B <sub>F</sub> s1		B <sub>F</sub> s1	C <sub>F</sub> s1	-

### Properties acc. to EN 1817/EN 12 199

Thickness	EN ISO 24 346	Mean value ± 0.20 mm according to EN 12 199	4 mm		3.2 mm	9 mm (Art. 1956)	
		Mean value ± 0.15 mm according to EN 1817		3.5 mm		9 mm (Art. 1955)	3.5 mm
Dimensional stability	EN ISO 23 999	± 0.4 %	← ± 0.3 % →				± 0.1 %
Tear strength	ISO 34-1, method B, procedure A	Mean value ≥ 20 N/mm	35 N/mm	35 N/mm	30 N/mm	40 N/mm	40 N/mm
Cigarette-burn resistance	EN 1399	Procedure A (stubbed out) ≥ level 4 Procedure B (burning) ≥ level 3	← Fulfilled →				
Flexibility	EN ISO 24 344, procedure A	Mandrel diameter 20 mm, no fissuring	← Fulfilled →				
Hardness	ISO 7619	≥ 70 Shore A (EN 12 199) ≥ 75 Shore A (EN 1817)	82 Shore A	82 Shore A	87 Shore A	70 Shore A	85 Shore A
Residual indentation	EN ISO 24 343	Mean value ≤ 0.25 mm at thickness ≥ 3.0 mm Mean value ≤ 0.20 mm at thickness ≤ 3.0 mm	0.15 mm	0.15 mm	0.15 mm	0.30 mm	0.07 mm
Abrasion resistance	ISO 4649, procedure A	≤ 250 mm <sup>3</sup>	115 mm <sup>3</sup>	115 mm <sup>3</sup>	130 mm <sup>3</sup>	90 mm <sup>3</sup>	145 mm <sup>3</sup>
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 <sup>2</sup> )	← Grey scale ≥ level 3 acc. to EN 20 105-A02 →				
Classification	EN ISO 10 874	Residential/Commercial/Industrial	23/34/43	23/34/43	23/32/41	23/34/43	23/34/43

### Additional technical properties

Toxicity of fire gases	DIN 53 436		Carbonisation gases are non-toxic		-	-	Carbonisation gases are non-toxic
Anti-slip properties	DIN 51 130	According to BGR 181	R 9	R 9 serra + crossline = R 10	R 9	R 9	grano: R 9 serra: R 10
	DIN 51 097		A; B	serra + crossline A; B	-	-	-
Improvement in footfall sound absorption	ISO 10 140-3		12 dB	10 dB	9 dB	15 dB	8 dB
Effect of chemicals	EN ISO 26 987		← Resistant depending on concentration and time of exposure* →				
Thermal conductivity	EN 12 667		0.42 W/mK	0.42 W/mK	0.43 W/mK	0.21 W/mK	0.42 W/mK
Electrical insulation properties	IEC 60 093, VDE 0303 T.30		← Suitable for underfloor heating systems →				
Electrical propensity when walked upon	EN 1815		← > 10 <sup>10</sup> Ohm →				
Effect of a castor chair	EN 425		← Antistatic, charging in case of rubber soles < 2 kV →				
			← 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.