

	Test method	Requirements	Average test results from running production			
			926	926 grano 926 satira 926 arago	825	992 992 grano
<b>CE conformity</b>	<b>EN 14 041</b>		<b>Manufacturer: nora systems GmbH, D-69469 Weinheim</b>			
DoP-No.	EN 14 041		0021		0004	0023
Thermal conductivity	EN 10 456	$\lambda = 0.17 \text{ W/(m·K)}$	Fulfilled			
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
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 $\pm 0.20$ mm according to EN 12 199	4 mm		3.2 mm	9 mm (Art. 1956)
		Mean value $\pm 0.15$ mm according to EN 1817		3.5 mm		9 mm (Art. 1955)
Dimensional stability	EN ISO 23 999	$\pm 0.4 \%$	$\pm 0.3 \%$			
Tear strength	ISO 34-1, method B, procedure A	Mean value $\geq 20$ N/mm	35 N/mm	35 N/mm	30 N/mm	40 N/mm
Cigarette-burn resistance	EN 1399	Procedure A (stubbed out) $\geq$ level 4 Procedure B (burning) $\geq$ level 3	Fulfilled			
Flexibility	EN ISO 24 344, procedure A	Mandrel diameter 20 mm, no fissuring	Fulfilled			
Hardness	ISO 7619	$\geq 70$ Shore A (EN 12 199) $\geq 75$ Shore A (EN 1817)	82 Shore A	82 Shore A	87 Shore A	70 Shore A
Residual indentation	EN ISO 24 343	Mean value $\leq 0.25$ mm at thickness $\geq 3.0$ mm Mean value $\leq 0.20$ mm at thickness $< 3.0$ mm	0.15 mm	0.15 mm	0.15 mm	0.30 mm
Abrasion resistance at 5 N load	ISO 4649, procedure A	$\leq 250$ mm <sup>3</sup>	115 mm <sup>3</sup>	115 mm <sup>3</sup>	130 mm <sup>3</sup>	90 mm <sup>3</sup>
Colour fastness to artificial light	ISO 105-B02, procedure 3, test conditions 6.1 a)	At least level 6 on the blue scale; $\geq$ level 3 on the grey scale (= 350 MJ/m <sup>2</sup> )	Grey scale $\geq$ level 3 acc. to ISO 105-A02			
Classification	EN ISO 10 874	Residential/Commercial/Industrial	23/34/43	23/34/43	23/32/41	23/34/43

### 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	R 9 926 grano/Art. 1880 = R 9 926 grano/Art. 1870 = R 10 arago = R 10	R 9	R 9
	DIN 51 097		A	926 grano/Art. 1870 = A, B arago = A, B	-	-
Improvement in footfall sound absorption	ISO 10 140-3		12 dB	10 dB	9 dB	15 dB
Effect of chemicals	EN ISO 26 987		Resistant depending on concentration and time of exposure*			
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

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.