

	Test method	Requirements	Average test results from running production					
			926	926 grano 926 sabura 926 arago	825	992 992 grano	975 LL	
<b>CE conformity</b>	<b>EN 14041</b>		<b>Manufacturer: nora systems GmbH, D-69469 Weinheim</b>					
DoP-No.	EN 14041		0021		0004		0023	0024
Thermal conductivity	EN 10456	$\lambda = 0.17 \text{ W/(m·K)}$	Fulfilled					
Dynamic coefficient of friction	EN 13893	DS	Fulfilled					
Reaction to fire	EN 13501-1	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 13501-1	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 12199

Thickness	EN ISO 24346	Mean value $\pm 0.20$ mm according to EN 12199	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)	3.5 mm
Dimensional stability	EN ISO 23999	$\pm 0.4 \%$	$\pm 0.2 \%$				$\pm 0.1 \%$
Tear strength	ISO 34-1, method B, procedure A	Mean value $\geq 20$ kN/m	40 kN/m	40 kN/m	35 kN/m	45 kN/m	40 kN/m
Cigarette-burn resistance	EN 1399	Procedure A (stubbed out) $\geq$ level 4 Procedure B (burning) $\geq$ level 3	Fulfilled				
Flexibility	EN ISO 24344, procedure A	Mandrel diameter 20 mm, no fissuring	Fulfilled				
Hardness	ISO 48-4	$\geq 70$ Shore A (EN 12199) $\geq 75$ Shore A (EN 1817)	82 Shore A	82 Shore A	87 Shore A	70 Shore A	85 Shore A
Residual indentation	EN ISO 24343	Mean value $\leq 0.25$ mm at thickness $\geq 3.0$ mm Mean value $\leq 0.20$ mm at thickness $< 3.0$ mm	0.12 mm	0.12 mm	0.12 mm	0.25 mm	0.07 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>	150 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	Grey scale $\geq$ level 3 acc. to ISO 105-A02				
Classification	EN ISO 10874	Commercial/Industrial	34/43	34/43	32/41	34/43	34/43

### Additional technical properties

Toxicity of fire gases	DIN 53436		Carbonisation gases are non-toxic		-	-	-
Anti-slip properties	DIN 51130	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	R 9 975 LL serra = R 10
	DIN 51097		A	926 grano/Art. 1870 = A, B arago = A, B	-	-	-
Improvement in footfall sound absorption	ISO 10140-3		12 dB	10 dB	9 dB	15 dB	8 dB
Effect of chemicals	EN ISO 26987		Resistant depending on concentration and time of exposure*				
Electrical insulation properties	EN 1081 R1		$> 10^9$ 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 12529 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 12199: 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.