

## Designs: seneo, uneo

	Test method	Requirements	Average test results from running production
<b>CE conformity</b>	<b>EN 14041</b>		<b>Manufacturer: nora systems GmbH, D-69469 Weinheim</b>
DoP-No.	EN 14041		0035
Thermal conductivity	EN 10456	$\lambda = 0.25 \text{ W/(m·K)}$	Fulfilled
Dynamic coefficient of friction	EN 13893	DS	Fulfilled
Reaction to fire	EN 13501-1	Not bonded	C <sub>fl</sub> -s1
Reaction to fire	EN 13501-1	Bonded on mineral subfloor	B <sub>fl</sub> -s1

### Properties acc. to EN 1817

Thickness	EN ISO 24346	Mean value $\pm 0.15 \text{ mm}$ acc. to EN 1817	2.0 mm
Dimensional stability	EN ISO 23999	$\pm 0.4 \%$	$\pm 0.3 \%$ *
Flexibility	EN ISO 24344, procedure A	Mandrel diameter 20 mm, no fissuring	Fulfilled
Hardness	ISO 48-4	$\geq 75 \text{ Shore A}$ acc. to EN 1817	96 Shore A
Residual indentation	EN ISO 24343	Mean value $\leq 0.15 \text{ mm}$ at thickness $< 2.5 \text{ mm}$	0.02 mm
Abrasion resistance at 5 N load	ISO 4649, procedure A	$\leq 250 \text{ mm}^3$	100 mm <sup>3</sup>
Colour fastness to artificial light	ISO 105-B02, procedure 3	At least level 6 on the blue scale; $\geq$ level 3 on the grey scale	Fulfilled
Classification	EN ISO 10874	Commercial/Industrial	34/42

### Additional technical properties

Toxicity of fire gases	DIN 53436		Carbonisation gases are non-toxic
Anti-slip properties	DIN EN 16165	According to DGUV 108-003	R 10
			A
Improvement in footfall sound absorption	ISO 10140-3		5 dB
Effect of chemicals	EN ISO 26987		Resistant depending on concentration and time of exposure**
Electrical insulation properties	EN 1081 R1		$> 10^{10} \text{ Ohm}$
Electrical propensity when walked upon	EN 1815		Antistatic, charging in case of rubber soles $< 2 \text{ kV}$
Effect of a castor chair	EN ISO 4918		Suitable if castor wheels, type W, according to EN 12529 are used
Underfloor heating	EN 1264-2		Suitable, max. 35° C

\* 6 h at 50° C

\*\* In case of increased impact of oils, greases, 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.