

Product information

norament[®] 926 grano nTx | norament[®] 926 satura nTx | norament[®] 926 serra nTx | norament[®] 926 arago nTx

nora[®] nTx is an installation system that simplifies installation. The installation system consists of nora[®] floorcoverings with an adhesive backing. The adhesive backing is covered by a film that may not be removed before installation. Dirt on the adhesive film prevents the adhesion and the flooring cannot be installed any more. The material must be stored in a cool, dry environment protected from direct sunlight and installed within 12 months after production.

	Test method	Requirements	Average test results from running production
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 _{fl} -s1, bonded	Fulfilled
Thermal conductivity	EN 10 456	$\lambda = 0.17 \text{ W/(m}^2\text{K)}$	Fulfilled
DoP-No.	EN 14 041		0031

Technical data	Test method	Requirements	Average test results from continuous production
Properties acc. to EN 1817			
Thickness	EN ISO 24 346	Mean value ± 0.15 mm of nominal value	3,6 mm
Dimensional stability	EN ISO 23 999	± 0.4 %	± 0.3 %
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	≥ 75 Shore A	82 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 $\leq 3,0$ mm	0,24 mm
Abrasion resistance at 5 N load	ISO 4649, procedure A	$\leq 250 \text{ mm}^3$	115 mm ³
Colour fastness to artificial light	ISO 105-B02, procedure 3, test conditions 6.1 a)	At least 6 on the blue scale, ≥ 3 on the grey scale (= 350 MJ /m ²)	Grey scale ≥ 3 acc. to ISO 105-A02
Classification	EN ISO 10 874	Residential/Commercial/Industrial	23/34/43

Additional technical data

Weight	EN ISO 23 997		$\sim 5,40 \text{ kg/m}^2$
Tear strength	ISO 34-1, method B, procedure A		35 N/mm
Slip resistance	DIN 51 130		R 9* R 10* (serra nTx, arago nTx)
Improvement in footfall sound absorption	ISO 10 140-3		8 dB
Effect of chemicals	EN ISO 26 987	Depending on concentration and time of exposure	Resistant ^(A)
Electrostatic behaviour when being walked on	EN 1815		Antistatic, charging in case of rubber soles $< 2 \text{ kV}$
Effect of a castor chair	EN 425		Suitable if castor wheels, type W, according to EN 12 529 are used

Adhesive characteristics

Description			Pressure-sensitive hot melt adhesive
Density			approx. 0.92 g/cm^3
Softening range	Kofler bench		approx. $105 \text{ }^\circ\text{C}$
Viscosity			45,000 mPas at $170 \text{ }^\circ\text{C}$ till 13,000 mPas at $190 \text{ }^\circ\text{C}$
Solid body content			87%
VOC			0%

* Tested and certificated by an independent testing institute.

^{A)} In case of increased impact of oils, greases, acids, alkalis and other aggressive chemicals as well as light oils and fuels - 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.