



## Product Information

### **norament<sup>®</sup> 920**

**norament<sup>®</sup> 920** is an one-coloured rubber floor covering for extremely heavy traffic areas. **norament<sup>®</sup> 920** is largely resistant to oils and greases and offers all the advantages our customers rightfully expect from a resilient floor covering, too. Exposure to extreme stresses impairs neither the functionality nor its visual appearance. The floor covering is extremely fire-resistant and free of PVC, other halogenated polymers and phthalate plasticizers.

Technical data Properties acc. to EN 12199	Test method	Requirements	Average test results from running production
Thickness	EN ISO 24346	Mean value $\pm 0.20$ mm of nominal value	4.0 mm
Thermal conductivity	EN 10456	$\lambda = 0,17$ W/(m·K)	Fulfilled
Dimensional stability	EN ISO 23999	$\pm 0.4$ %	$\pm 0.3$ %
Cigarette-burn resistance	EN 1399	Procedure A (stuffed 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	$\geq 75$ Shore A	83 Shore A
Residual indentation	EN ISO 24343	Mean value $\leq 0.25$ mm	0.15 mm
Abrasion resistance at 5 N load	ISO 4649, procedure A	$\leq 250$ mm <sup>3</sup>	130 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 $\geq 3$ acc. to ISO 105-A02

#### **Additional technical data**

Weight	EN ISO 23997		$\sim 6.50$ kg/m <sup>2</sup>
Tear strength	ISO 34-1, method B, procedure A	Mean value $\geq 20$ kN/m	42 kN/m
Slip resistance	DIN EN 16165		R 9*
Improvement in footfall sound absorption	ISO 10140-3		12 dB
Effect of chemicals	EN ISO 26987		Resistant depending on concentration and time of exposure <sup>(A)</sup>
Electrostatic behaviour when being walked upon	EN 1815		Antistatic, charging $< 2$ kV
Dielectric strength	EN 60243-1, VDE 0303, part 21		50 kV
Electrical insulation properties	EN 1081 R1		$> 10^9$ Ohm

#### **Fire behaviour / smoke behaviour**

Fire behaviour	EN 13501-1		B <sub>fl</sub> -s1
	EN 45545	Hazard Level	HL3*
	UIC 564-2/12		Class A
	UK Defence Standard 07-247, Annex A		Category A1
Fire behaviour, see going vessels (surface flammability)	IMO Res. MSC.307 (88) – (F.T.P. Code 2010)		Fulfilled (glued with nora PU 102 or UZIN KR 430)
Smoke density and toxicity, see going vessels			

#### **Approvals**

EC-Type Examination Certificate for use on board of sea going vessels in compliance with directive 2014/90/EU	Certificate No. 124041-04
---	---------------------------

Colour variations due to different production batches as well as technical alterations to improve the product have to be accepted.

\* Tested and certified by an independent testing institute.

<sup>(A)</sup> In case of increased impact of oils, greases, acids, alkalis and other aggressive chemicals please contact us.

EN 12199: Specification for homogeneous and heterogeneous profiled elastomer floor coverings

Standard article: Tiles 1006 mm x 1006 mm // article 920/354 // uni-coloured, round pastilles

Special article: Delivery with hammerblow surface upon request.

Custom-made designs and colors of **norament<sup>®</sup> 920** are subject to minimum order quantities.

Further product information is available on [www.nora-transportation.com](http://www.nora-transportation.com).



Carbon Neutral Floors™