

Product Information

norament® 920

norament® 920 is an one-coloured, extremely fire-resistant and halogen-free rubber flooring for extremely heavy traffic areas. **norament® 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.

Technical data	Test method	Requirements	Average test results from running production
Properties acc. to EN 12 199			
Thickness	EN ISO 24 346	Mean value \pm 0.20 mm of nominal value	4.0 mm
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	42 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 48-4	\geq 75 Shore A	83 Shore A
Residual indentation	EN ISO 24 343	Mean value \leq 0.25 mm	0.15 mm
Abrasion resistance at 5 N load	ISO 4649, procedure A	\leq 250 mm ³	130 mm ³
Colour fastness to artificial light	ISO 105-B02, procedure 3, test conditions 6.1 a)	At least 6 on the blue scale, \geq 3 on the grey scale (= 350 MJ /m ²)	Grey scale \geq 3 acc. to ISO 105-A02
Additional technical data			
Weight	EN ISO 23 997		~ 6.50 kg/m ²
Improvement in footfall sound absorption	ISO 10 140-3		12 dB
Effect of chemicals	EN ISO 26 987		Resistant depending on concentration and time of exposure*
Electrostatic behaviour when being walked on	EN 1815		Antistatic, charging in case of rubber soles < 2 kV
Dielectric strength	EN 60 243-1, VDE 0303, part 21		34 kV
Electrical insulation properties	IEC 60 093, VDE 0303 T.30		> 10 ¹⁰ Ohm
Fire behaviour/smoke behaviour			
Fire behaviour	EN 13 501-1		B _{fl} -s1
	EN 45 545	Hazard Level	HL3**
	UIC-Codex 564-2/12		Class A
Fire behaviour, sea 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, sea going vessels	IMO Res. MSC.(61/67) – (F.T.P. Code) part 2+part 5		
Approvals			
EU-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.

* In case of increased impact of oils, greases, acids, alkalis and other aggressive chemicals as well as light oils and fuels - please contact us.

** Tested and certified by an independent testing institute

Floor covering norament® 920

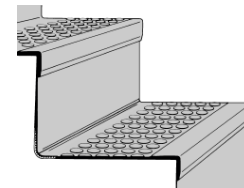
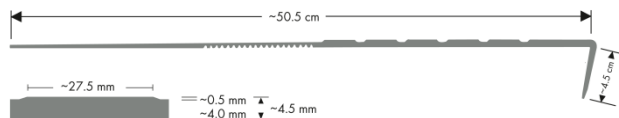
Standard measures: Article 920/354
 Tiles 1,006 x 1,006 mm, uni-coloured, round pastilles



Special designs of norament® 920 such as hammerblow, carving structure or relief structure are subject to minimum order quantities.

norament® 920 stairtread with stair nosing, riser and tread all in one piece. Due to their high wear-resistance, nora® stairtreads cope easily with the high amount of traffic encountered in stairways on board of ships.

Standard measures: Article 920/465
 Stairtread, width: 1,285 mm
 Tread with round pastilles



norament® stairtreads may be additionally equipped with yellow or phosphorescent signal or with yellow or grey slip resistant safety strips made of noraplan® ultra grip in the stair nosing.

**Standard Colours for
 norament® 920 and norament® 920 stairtread**

0733



0749



0862



0884



1346



Custom-made colours of norament® 920 are subject to minimum order quantities.

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Further product information is available on www.nora-transportation.com