



Product information

noraplan[®] mobil (mix 931) **Designs: stone, plus, effect, grip und eco**

noraplan[®] mobil (Rezept 931) are single-layered rubber floor coverings for heavy traffic areas with smooth or reflection-breaking surface. The floor coverings are extremely fire-resistant and free of polymers containing chlorine.

Technical data Properties acc. to EN 1817	Test method	Requirements	Average test results from running production
Thickness	EN ISO 24346	Mean value ± 0.15 mm of nominal value	3.0 mm
Dimensional stability	EN ISO 23999	± 0.4 %	± 0.3 %
Cigarette-burn resistance	EN 1399	Procedure A (stubbled 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	≥ 75 Shore A	85 Shore A
Residual indentation	EN ISO 24343	Mean value ≤ 0.20 mm	0.05 mm
Abrasion resistance at 5 N load	ISO 4649, procedure A	≤ 250 mm ³	130 mm ³
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 ≥ 3 acc. to ISO 105-A02

Additional technical data

Weight	EN ISO 23997		~ 5.0 kg/m ²
Tear strength	ISO 34-1, method B, procedure A		30 kN/m
Slip resistance	DIN 51130		R 9* R 10* (reflection-breaking surf.)
Improvement in footfall sound absorption	ISO 10140-3		9 dB
Effect of chemicals	EN ISO 26987		Resistant depending on concentration and time of exposure ^(A)
Electrostatic behaviour when being walked upon	EN 1815		Antistatic, charging < 2 kV

Fire behaviour / smoke behaviour

Fire behaviour	EN 13501-1		B _n -s1
	EN 45545	Hazard Level	HL2*
	DIN 5510-2		SF3*
	UIC 564-2/12		Class A*
	GOST 12.1.044-89 / VNPB-03		Fulfilled*
	JRMA		Difficult to burn*
	UNE 23727		M2 on wood*
UNI 8457 / UNI 9174	UNI 9177		Class 1A*
Fire behaviour	ASTM E-648 / ISO 9239-1		Class 1 (≥ 0.50 W/cm ²)*
Smoke density	ASTM E-662	Federal Railroad Administration	After 1.5 minutes < 100 , after 4 minutes < 200 *
Fire behaviour	NF F 16-101 (NF P 92-501)		M2 on M1 substrate*
Smoke density / Smoke toxicity	NF F 16-101 (NF X 10-702 / X 70-100)	NF F 16-101 for grid 5 / 8	F1*
Smoke toxicity	Bombardier SMP 800-C		Fulfilled*
	ISO 5659-2	DIN 5510-2	FED ≤ 1 *
Fire behaviour, see going vessels (surface flammability)	IMO Res. MSC.307 (88) – (F.T.P. Code 2010)		Fulfilled (glued with UZIN KR 430)
Smoke density and toxicity, see going vessels			
Fire behaviour	BS 476, part 7		Class 2 fulfilled*
Smoke density	BS 6853, Annex D.8.6	For vehicle cat. 1b acc. BS 6853	A ₀ ≤ 350 *
Smoke toxicity	BS 6853, Annex B		R ≤ 5 fulfilled*
Oxygen index	ISO 4589		~ 33 %

Approvals

EU-Type Examination Certificate for use on board of sea going vessels in compliance with directive 2014/90/EU	Certificate No. 124101-03
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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.

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

Standard measures: Rolls 1.22 m x 12 m

Special measures: Delivery in another thickness, customized dimensions as well as in KITS upon request.

Custom-made designs and colors of **noraplan**[®] **mobil (mix 931)** with smooth or reflection-breaking surface are subject to minimum order quantities.

Unless agreed otherwise, the sort statement PQC009 is applicable in its current version.

Further product information is available in the current assortment brochure or on www.nora-transportation.com.