

Product information

noraplan[®] mobil (mix 935)

Designs: stone, stone plus, grip and grip plus

noraplan[®] mobil (mix 935) was especially developed for the application in railways with the highest requirements on fire safety. The material is available in rolls. All designs mentioned above are available with 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 \pm 0.15 mm of nominal value	2.0 mm 2.5 mm
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	93 Shore A
Residual indentation	EN ISO 24343	Mean value \leq 0.15 mm at thickness $<$ 2.5 mm Mean value \leq 0.20 mm at thickness \geq 2.5 mm	$<$ 0.1 mm
Abrasion resistance at 5 N load	ISO 4649, procedure A	\leq 250 mm ³	110 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 \geq 3 acc. to ISO 105-A02
Tensile strength	ISO 37		$>$ 6 MPa
Elongation at break			$>$ 70 %

Additional technical data

Weight	EN ISO 23997		2.0 mm: \sim 3.10 kg/m ² 2.5 mm: \sim 3.85 kg/m ²
Tear strength	ISO 34-1, method B, procedure A		48 kN/m
Slip resistance	DIN 51130		R 10* (reflection-breaking surf.)
Improvement in footfall sound absorption	ISO 10140-3		2.0 mm: 3 dB 2.5 mm: 4 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 in case of rubber soles $<$ 2 kV
Dielectric strength	EN 60243-1, VDE 0303, part 21		40 kV
Electrical insulation properties	EN 1081 R1		$>$ 10 ¹⁰ Ohm

Fire behaviour / smoke behaviour

Fire behaviour	EN 45545	Hazard Level	HL3*
	BS 476, part 7	For vehicle cat. 1b acc. BS 6853	Class 2 fulfilled*
Smoke density	BS 6853, Annex D.8.6		A ₀ \leq 220*
Smoke toxicity	BS 6853, Annex B		R \leq 5 fulfilled*
Oxygen index	ISO 4589		\sim 32 %

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 15 m (2.0 mm)
 Rolls 1.22 m x 15 m (2.5 mm)

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

Custom-made designs and colors of **noraplan[®] mobil (mix 935)** with 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.