

WE LEAD.
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WISA®-WIRE F

WISA-Wire F is a plywood panel coated with a multilayer coating with improved fire safety properties intended mainly for use in the transport industry but also in other special applications.

Bonding

Phenolic resin cross-bonded weather resistant glueing according to EN 314-2 (Plywood - Bonding) class 3 exterior.

Surface

Dark brown phenolic resin based overlay with wiremesh pattern. The overlay is symmetrical on both sides of the panel.

Imprinted text: "WISA-WIRE F"

Machining

Edge and CNC machinings available on request.

Thicknesses and weights

Thickness and weight of standard and scarf-jointed plywood

Nominal thickness (mm)	Number of plies	Thickness (mm)		Weight (kg/m ²)
		Min	Max	
12	9	11.0	12.0	8.4
15	11	13.8	14.8	10.5
18	13	16.6	17.6	12.6
21	15	19.5	20.5	14.7

Moisture content 8-12 %

Panel sizes

Standard sizes:

1200/1220/1250/1500/1525 x 2400/2440/2500/2700 mm

The largest scarfjointed panel size 12300 x 2700 mm.

Other sizes at request

Tolerances for standard size panels

Size tolerances:

< 1000 mm	± 1 mm
1000 - 2000 mm	± 2 mm
2000 - 6000 mm	± 3 mm
> 6000 mm	± 5 mm

Squareness tolerance:

±1 mm / 1000 mm





Properties of panel surface

Taber abraser value (DIN 53799); 1100 rounds
Rolling test (SS 923502); 1750 revolutions

Other information

Fire Classification:

FMVSS 302 Approval
95/28/EC Approval (vehicle categories M2 and M3)
DIN 5510T2; Class S4/SR2/ST2 (railway rolling stock)
BS 476 Part 7, 1997; Class 1
NF 16-101, 16-102 and NF X 70-100: Class M2 / F1 Thickness 15 mm and over (to 12 mm M2/F1 class from special request)
EN 13501-1 (SBI-test) Class C-s1 d0 (thickness 15 mm)

For further information of installation, maintenance, disposal, environmental matters etc. please contact your supplier or check www.wisa.com.



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UPM policy is one of continuous development. We reserve the right to amend specifications without notice or obligation.