

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

Face: Dark brown phenolic resin based overlay with wiremesh pattern. Imprinted text: WISA-Wire F.

Reverse: Depending on customer's request, the reverse can be uncoated or coated with either the same overlay as on the face or with basic phenolic resin film.

Machining

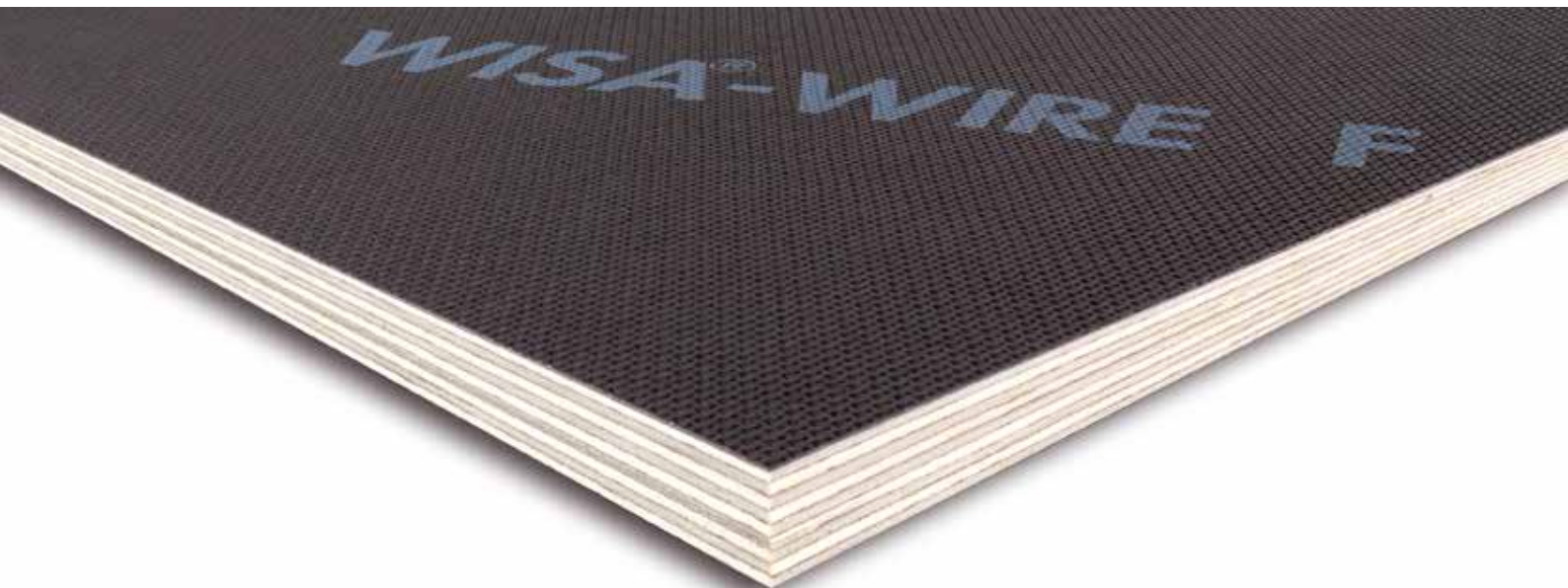
Edge and CNC machinings available on request.

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 2500 mm
 The largest scarfjointed panel size 12300 x 2700 mm.
 Ask your sales contact for the availability of other sizes.

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
 E17118RII
 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)
 EN 45545 HL3

Environment & Biofore

WISA products are manufactured in Europe according to the strictest sustainability principles. By choosing WISA, our customers have the confidence that their plywood and veneer come only from legal sources and conform to all relevant standards and regulations, including the European Union Timber Regulation (EUTR).

More with Biofore. UPM leads the integration of bio and forest industries into a sustainable future characterized by innovation, responsibility and resource efficiency.



UPM Plywood

Niemenkatu 16
 P.O. Box 203
 FI-15141 Lahti
 Finland
 Tel. +358 204 15 113
 Fax +358 204 15 112

www.wisaplywood.com
www.upm.com

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