

WISA[®]-FiRe

WISA-FiRe is a solid birch plywood panel with improved fire safety properties integrated into its coating. The panel is primarily intended to be used in passenger transportation, coaches, buses and trains, where high standards are set for fire safety. The product fulfils all essential fire safety requirements of passenger transportation by road and rail.

Base panel

Birch plywood made solely from birch (hardwood) veneers.

Bonding

Phenolic resin cross-bonded weather resistant glueing according to EN 314-2/class 3 exterior.

Surface

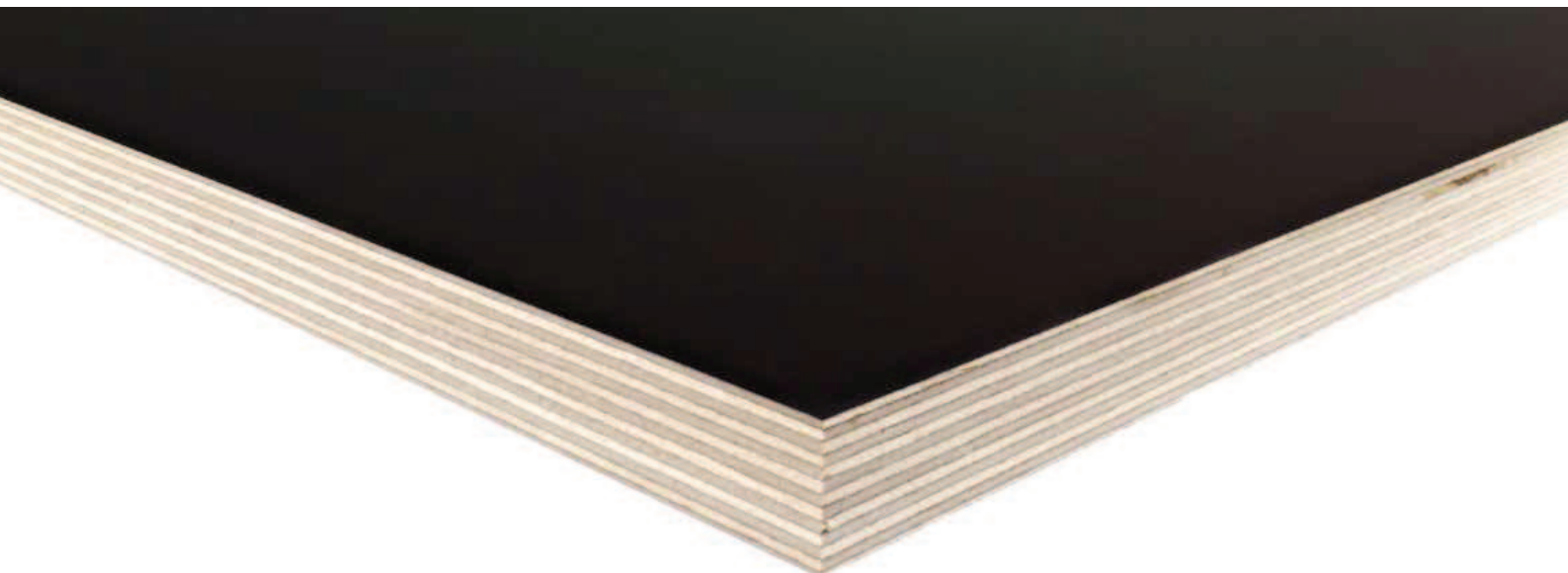
Face: Dark brown phenolic resin based overlay with imprinted text: *WISA-FiRe, Improved fire safety on this side.*

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

Thicknesses and weights

Nominal thickness (mm)	Number of plies	Thickness		Weight kg/m ²
		Min	Max	
12	9	11.5	12.5	8.8
15	11	14.3	15.3	10.9
18	13	17.1	18.1	13.0
21	15	20.0	21.0	15.1
24	17	22.9	23.7	17.0

Moisture content 8–12%





Panel sizes

Standard sizes: 1500 x 2400 mm
1500 x 3000 mm
Other sizes on request.

Tolerances for standard size panels

Size tolerances: < 1000 mm ±1 mm
1000 - 2000 mm ±2 mm
2000 < ±3 mm

Fire classification

E17 118R11
DIN 5510T2; Class S4/SR2/ST2 (railway rolling stock)
BS 476 Part 7, 1997; Class 1
EN 45545-2:2013 (R10) HL1, HL2, HL3

Environment

WISA products are manufactured in Europe according to the strictest sustainability principles. By choosing WISA, our customers can 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).

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

For further information on installation, maintenance, disposal, environmental matters etc. please contact your supplier or visit www.wisaplywood.com.



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