

WISA®-BusFloor

WISA-BusFloor is a plywood panel designed to be used in applications such as sub floor of buses and coaches. Good weight to strength ratio, uniform surface quality and wide range of dimensions makes WISA-BusFloor an excellent choice in flooring application.

WISA-BusFloor is a mixed construction panel combined of strong and hard birch veneers in surface and core and light spruce veneers in core. Strong and light panel is easy to tool and handle even in narrow spaces. In addition to excellent technical properties, WISA-BusFloor is available in various sizes even to cover the floor of an entire bus.

Bonding

Weather resistant gluing according to EN 314-2/class 3 Exterior.

Surface

Panels have clean sanded wooden surfaces.

Available surface qualities are S (II), BB (III) and WG (IV) according to EN 635-2, as well as WGE (improved WG) quality. Phenolic surface, for moisture barrier, can be applied on reverse face or on both faces if needed.

Impregnation

Panels can be treated against wood decay fungi (brown rot fungi and white rot fungi) by request.

Panel sizes (mm)

The panels are available in all main standard sizes:

Size along surface grain direction 1220, 1250, 1500, 1525 mm

Size cross surface grain direction 2440, 2500, 3000, 3050 mm

In addition to this, WISA-BusFloor is available in cut to sizes and maxi sizes up to 12500 x 2800 mm.



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Thicknesses and technical properties

Thickness (nominal mm)	Tolerance min-max (actual mm)	Weight approx kg/m ²	Strength in bending fm II (N/mm ²)*	Modulus of elasticity Em II (N/mm ²)*
9	8.80 – 9.50	5.0	34.9	9314
12	11.50 – 12.50	6.9	41.5	9675
15	14.50 – 15.50	8.4	28.3	7050
18	17.10 – 18.10	10.2	30.1	8016

Detailed technical properties: Please see DoP (Declaration of Performance) UPM023CPR on www.wisaplywood.com/dop.

WISA-BusFloor meets the requirement of E17 118RII and 95/28/EC in vehicle categories M2 and M3.

Storing instructions

Store WISA-BusFloor panels in a dry, covered place away from direct sunshine. Panels should be stored horizontally on a level surface.

Installation instructions

WISA-BusFloor can be processed with ordinary woodworking tools. Panels can be painted or lacquered. WISA-BusFloor can be installed by screwed or by bonding according to adhesive supplier's instructions.

WISA-BusFloor, like plywood and wood in general, is a living material. When assembling, please remember to leave space for expansion.

Without any further treatment WISA-BusFloor is suitable for interior end uses where there is no direct moisture stress.

Environment

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).

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

Additional information

As wood is a living material, every panel is unique. Thus a photograph or a sample piece cannot represent all the panels as regards colours, shades, graining, knots etc.

For further information, please see www.wisaplywood.com

