Ships plywood
HPL FOR WETROOMS

Product

High pressure laminated panels for walls and ceilings in processing areas/factory decks. For humid conditions. Strong, lightweight, hygienic and easy to clean also with high pressure washer. Edge machining with tongue and groove on all 4 sides or long sides only.
HPL on surface, with balancer on reverse side.
Colour: White/glossy or White/silk matt
Basic material: Birch plywood.
Certified by DNV.

Overlay

HPL for wetrooms is made of layers of Kraft paper impregnated with phenol resins (the core) and decorative melamine impregnated paper (the surface layer), manufactured under high pressure and temperature.

Gluing classes

Plywood is glued with waterproof phenol formaldehyde resin adhesive. The weather and boiling water resistant bonding meets the requirements of the following standards:
EN 314 / 3rd class;
BS 1203 / H 4 (previously WBP);
DIN 68705 Part 3 / type BFU 100.
HPL overlay is glued to the surface of plywood with high resistance melamine-urea-formaldehyde glue.
HPL bonding quality meets requirements of:
EN 12765/class C4;
DIN 68705 / AW 100;
BS 1204, BS 1203 / BR.

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Formaldehyde emission

In accordance with the standard EN 13986, the formaldehyde emission meets the Class E1 requirements. Test method EN 717 Part 2. Plywood glued with phenol-formaldehyde resins meets the CARB Phase 2 and Japanese 4-Star Regulation's requirements.

Standard size

600 x 2400 mm
Cut-to-size panels and machined panels available in accordance with the customers' requirements.

Standard thickness

Nominal 11 mm (9 mm plywood core + laminate/balancer)
Other thicknesses available upon requests.

Tolerance

Dimensional and right angle tolerance meets the standard EN 315 requirements.

Nominal thickness plywood core, mm	9
Number of plies	7
Average actual thickness, mm	9,2
Lower limit, mm	8,8
Upper limit, mm	9,5

Parameter	Tolerance
Length, width (mm)	
< 1000	+/- 1 mm
1000…2000	+/- 2 mm
> 2000	+/- 3 mm
Right angle	+/- 0,1%
Edge straightness	+/- 0,1%

Plywood is manufactured by AS Latvijas Finieris whose Quality Management System is certified to the requirements of ISO 9001 by Bureau Veritas Certification.