

# Ships plywood

# GRATINGS



## Product

Floor Grating for tank top-, tween and intermediate deck. Grooved and perforated for air circulation. Straight edges.

Strong, lightweight, hygienic and easy to clean. Resistant to moisture and temperature variations.

Impregnated against mould and fungi.

Painted with solvent free epoxy paint, with melamine granules for non-slip effect. Reverse side coated with dark brown smooth phenolic film.

Basic material: Birch plywood.

Standard colour: GREY TVT 0229.

Certified by DNV.

## Application

Ships, industrial buildings, warehouses and workshops. For hard resistance to wear. For areas without special fire safety requirements.

## Advantages

Biologically resistant

Hygienic and easy-to-clean

Epoxy coating is food-safe and durable

## Gluing classes

Plywood is bonded with a phenol resin adhesive resistant to weather, boiling water and meets the requirements of the following standards:

EN 314 / 3rd class;

BS 1203 / H 4 (previously WBP);

DIN 68705 Part 3 / type BFU 100.



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## Formaldehyde emission

In accordance with the standard EN 13986 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.

## Coating

A waterborne, two-component epoxy paint. Thickness of overlay: 250 g/m<sup>2</sup>. Epoxy paint is odour free.

## Edge sealing

The panels' edges are sealed with an acrylic or epoxy paint.

## Standard size

1500 x 1500 mm

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

Cutting to size and machining is done prior to painting.

## Standard thicknesses

24, 27, 30, 35, 40, 45 mm

9 mm grooves, example: 27 mm thickness is 18 + 9 mm.

Other thicknesses available upon requests.

## Standard hole specification

52 holes of 25 mm dia

Other hole specifications available upon requests.

## Tolerance

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

Nominal thickness, mm	24	27	30	35	40	45
Number of plies	17	19	21	25	29	32
Average actual thickness, mm	23,4	26,5	29,4	35,0	38,7	43,6
Lower limit, mm	22,9	25,8	28,7	33,6	38,4	43,3
Upper limit, mm	23,7	26,8	29,9	35,4	41,2	46,6

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.



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