



RIGA®

# MEL

## Product

Birch plywood (Riga Ply) overlaid with melamine film on both faces (grade M/M); reverse face can be overlaid with a phenol film.

## Film color

White.

## Application

Transport industry: finishing of walls and ceilings; furniture components and table tops, shop fitting and exhibition stands and booths, advertisement and information boards.

## Advantages

The surface is hygienic, odour free, weather- and water-proof, resists commonly used chemicals and UV rays. The surface is easy-to-clean with water and steam.

## 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 / 3<sup>rd</sup> class;  
BS 1203 / H 4 (previously WBP);  
DIN 68705 Part 3 / type BFU 100.

## 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.

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## Surface overlay

The surface is smooth, glossy and hard. Nevertheless, it may easily crack in case of hard impacts.

## Sizes

- 1220 mm x 2440 mm (thickness: 6.5 - 35 mm)
- 1250 mm x 2500 mm (thickness: 6.5 - 35 mm)
- 1220 mm x 3050 mm
- 1250 mm x 3000 mm
- 1500 mm x 2500 / 3000 mm
- 1525 mm x 2440 / 3050 mm

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

## Thickness

6.5, 9, 12, 15, 18, 21, 24, 27, 30, 35, 40, 45, 50 mm.

## Tolerance

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

| Nominal thickness, mm        | 6.5 | 9   | 12   | 15   | 18   | 21   | 24   | 27   | 30   | 35   | 40   | 45   | 50   |
|------------------------------|-----|-----|------|------|------|------|------|------|------|------|------|------|------|
| Number of plies              | 5   | 7   | 9    | 11   | 13   | 15   | 17   | 19   | 21   | 25   | 29   | 32   | 35   |
| Average actual thickness, mm | 6.4 | 9.2 | 12.0 | 14.9 | 17.7 | 20.5 | 23.4 | 26.5 | 29.4 | 35   | 38.7 | 43.6 | 49.6 |
| Lower limit, mm              | 6.1 | 8.8 | 11.5 | 14.3 | 17.1 | 20.0 | 22.9 | 25.8 | 28.7 | 33.6 | 38.4 | 43.3 | 48.1 |
| Upper limit, mm              | 6.9 | 9.5 | 12.5 | 15.3 | 18.1 | 20.9 | 23.7 | 26.8 | 29.9 | 35.4 | 41.2 | 46.6 | 51.7 |

| 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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