



**International Plywood bv**



**INTERSTAR**  
glad

### Interstar - glad (smooth)

This birch-based panel from Eastern Europe is finished on both sides with a smooth, white 240 g/m<sup>2</sup> or 395 g/m<sup>2</sup> melamin film. Interstar – glad (smooth) is a versatile panel, its features provide smooth and superior surfaces that are ready for use.

#### **Quality**

Birch plywood, both sides finished with a white melamin film of 240 g/m<sup>2</sup>. The large side has a melamin film of 395 g/m<sup>2</sup>.

#### **Bonding**

WBP - in accordance with EN 314-2 class 3 exterior.

#### **Dimensions**

1250 x 2500 mm: 6,5 - 9 - 12 - 15 - 18 mm (240 g/m<sup>2</sup>) - with FSC-label

1525 x 3050 mm: 15 - 18 mm (395 g/m<sup>2</sup>) - with PEFC-label

#### **Density**

Approx. 680 kg/m<sup>3</sup>

#### **Certificates**

With FSC- or PEFC-certificate for large panel. Other sizes at request with certificate.

CE-2+

#### **Note**

Edges are sealed with water repellent paint for protection during transport. We advise to use an edge sealer and good maintenance of the panel's edges.

#### **Applications**

Finishing walls interior and exterior, ceilings, cupboards, breastworks, soffits, etcetera.

The coating is also very suitable for billboards, hoarding.

## EN 314-2: 1993 (confirmed in 2013)

### Plywood – Bond quality – Requirements

This part of the standard specifies the requirements for bonding classes of veneer plywood according to their end uses. It lists three classes of bond quality.

**Bond Class 1: Dry conditions** – interior applications with no risk of wetting.

This is equivalent to a moisture content in the plywood corresponding to a temperature of 20°C and a relative humidity of the surrounding air only exceeding 65% for a few weeks of the year. As a guide, the average moisture content of most softwoods will not exceed 12%.

**Bond Class 2: Humid conditions** – protected exterior conditions e.g. behind cladding or under roof coverings.

This is equivalent to a moisture content in the plywood corresponding to a temperature of 20°C and a relative humidity of the surrounding air only exceeding 85% for a few weeks per year. As a guide, the average moisture content of most softwoods will not exceed 20%.

**Bond Class 3: Exterior conditions** – unprotected exterior conditions over sustained periods.

This is equivalent to climatic conditions leading to a higher moisture content than would be suitable for bond class 2 environments.

- These three bonding classes relate to the Hazard Classes given in EN 335 : 2006 – Durability of wood and wood-based products – Definition of hazard classes of biological attack Part 3: Application to wood-based panels. These, in turn match the Service Classes given in EN 1995, Eurocode 5: Design of timber structures.
- The revised term ‘Use Class’ is being used instead of ‘Hazard Class’ when standards are updated. For example, Part 1, revised in 2006, refers to ‘Use Classes’, while Part 3, published in 1995, still uses the term ‘Hazard Class’.



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