

DATA SHEET – FLAME RETARDANT PLYWOOD, COATED PHENOL FILM B_{fl}-s1

It is a plywood, coated phenol film with an increased reaction to fire class.. It is intended for use in outdoor conditions (according to PN-EN 636), meets the requirements of bonding quality class 3 according to PN-EN 314-2. These boards show increased properties (resistance to weather conditions, surface abrasion) and are intended for use in construction, for flooring. The product has been classified in the reaction to fire class B_{fl}-s1 according to PN-EN 13501-1.

Types of plywood depending on the type of bonding:

- weather-boil-proof - on the basis of phenol-formaldehyde resin, for use in exterior conditions (according to PN-EN 636), meeting the requirements of 3 gluing class quality according to PN-EN 314-2

Types of plywood depending on surfaces quality:

Plywood is produced in quality class A and B according to ZN-2011/BZS-ST-2

Types of plywood depending on type of surface:

- smooth on both sides
- double-sided foiled with one-sided wire mesh imprint
- double-sided foiled with a one-sided hexa-imprint

Type of plywood depending to weight of the phenolic film

- plywood foiled with standard phenolic film 160g/m²
- plywood foiled with a phenolic film with increased resistance to abrasion 320 g/m²
- plywood foiled with a phenolic film with increased resistance to abrasion 480 g/m²

Thickness and tolerances

Plywood is produced from a minimum thickness 12 mm. Thickness tolerances are defined in the standard EN 315.

Humidity

10±5% (according to PN-EN 322).

Density

650 – 800 kg/m³ (according to PN-EN 323).

Standard formats:

2500x1250mm, 1250x2500mm, 2440x1220mm, 1220x2440mm, 2130x1220mm, 1220x2130mm or as agreed with the customer.

Length and width tolerance: ± 3,5 mm (acc. to EN 315).

Edge straightness: ± 1,0 mm/m of side length (acc. to EN 315).

Processing options:

Cutting into smaller formats; simple and profile processing of edges. Narrow surfaces are protected as standard with waterproof acrylic paint. Painting narrow planes aims to reduce moisture absorption during transport and storage. After additional processing of the plywood, the recipient should protect narrow surfaces (edges, holes, etc.).

Application:

Construction, for flooring.

