

DATA SHEET – FLAME RETARDANT BEECH PLYWOOD B_{fl}-s1

It is a plywood made of beech wood veneers. The plywood has been additionally secured with an agent increasing its fire resistance. Intended for use in exterior conditions (according to PN-EN 636), meets the requirements of bonding quality class 3 according to PN-EN 314-2. The product has been classified in the reaction to fire class B_{fl}-s1, d0 according to PN-EN 13501-1.

Types of plywood depending on the type of bonding:

- intended for use in exterior conditions (according to PN-EN 636), meeting the requirements of the 3rd class of bonding according to PN-EN 314-2

Types of plywood depending on quality class:

Plywood is produced in the following quality classes: I, II, III, IV (according to EN 635-2), where class I is the highest class and class IV - the lowest.

Thickness and tolerances

Plywood is produced with a thickness of min. 6 mm. Thickness tolerances are defined in the standard EN 315.

Humidity

10±5% (according to PN-EN 322).

Density

710 – 820 kg/m³ (according to PN-EN 323).

Standard formats

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

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

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

Processing options:

Cutting into smaller formats; simple and profile processing of edges,

Application:

Construction, for flooring. The material is use in systems with a ventilated or non-ventilated air gap.

