

Plywood strips are made of deciduous plywood (birch, alder, beech), with a special structure, where the fibers in most veneer sheets are parallel to their length, while for stabilization two or four layers of veneers have a transverse arrangement of fibers. Face veneer (outer veneers) are made of beech or birch.

#### **Types of plywood strips depending on bonding quality:**

- Moisture resistant - on the basis of urea-formaldehyde resin, for use in dry conditions (according to PN-EN 636), meeting the requirements of 1 gluing class quality according to PN-EN 314-2

#### **Types of plywood strips depending on type of wood**

- beech, homogeneous - all external and internal layers are made of beech wood
- beech, deciduous – external layers of beech wood, internal layers of deciduous wood (birch, alder)
- birch, homogeneous - all external and internal layers are made of birch wood
- birch, deciduous - external layers of birch wood, internal layers of deciduous wood (birch, alder, beech)

#### **Types of plywood strips depending on method of processing:**

- cut, with straight edges (90°)
- chamfered, with edges bent with a width of 2-3 mm at an angle of 45°

#### **Types of plywood strips depending on surface:**

- plywood strips with an unfinished surface (raw)
- plywood strips with a surface covered with hardened urea resin (resinized),

#### **Types of plywood strips depending on surface quality**

Plywood strips are made of plywood in the following quality classes: I, II, III, IV (according to PN-EN 635-2), where class I is the highest class and class IV - the lowest.

#### **Thickness and tolerances**

Plywood strips are produced from a thickness of 20 mm.

#### **Dimensions and tolerances of dimensions**

- dimensions acc. to arrangements with customer
- length tolerance: +2 / -1 mm
- width tolerance:  $\pm 0,5$  mm
- thickness tolerance:  $\pm 0,5$  mm
- edge straightness: up to 1.5 mm per 1 meter of the strip length.



## DATA SHEET - PLYWOOD STRIPS

**Humidity**

10±5% (according to EN 322).

**Density**

700 – 800 kg/m<sup>3</sup> (according to EN 323).

**Processing options:**

Cutting into smaller formats; simple and profile processing of edges, drilling holes, milling grooves, grooves, rebates; machining on CNC machining centers.

**Application:**

Plywood strips are mainly used in the production of beds as load-bearing elements and springy under the mattress, the construction of box furniture, as railings or in other places requiring the use of elements with increased mechanical parameters.