

Quality description standard – Beech F/J panels

Dimensions:

Stave width: 40-45 mm (valid for A/B and B/C grade only, C/D grade not limited)

Thickness: Nominal -0.2 mm + 0.5 mm

Width: Nominal \pm 2 mm Length: Nominal \pm 0 \pm 5 mm

Lengths of staves: A/B grade 250 mm +

B/C grade 200 mm + C/D grade not limited

Quality demands for A/B grade:

Top side / front edges (A-side):

- slight colour differences allowed, must give a uniform look
- edges must be without knots and heart
- sound tight knots max. diameter 4 mm allowed
- no heart or discoloration allowed
- open joints, missing glue, surplus of glue or other technical defects are not allowed
- joints must not form a symmetrical pattern on the surface
- splits, cracks and other defects from drying are not allowed
- pith marks are allowed (max. 5 pcs. Plm)

Back side (B-side):

- colour differences and redheart allowed (heart max. 20 % surface area)
- sound tights knots max. diameter 15 mm allowed
- sound tight knots chipped, cracked allowed, but filled with wood filler
- open/black knots allowed up to 10 mm rare and filled with wood filler
- open joints, missing glue, surplus of glue or other technical defects are not allowed
- · capillary shakes or open shakes allowed, but rare and filled with wood filler
- pith allowed

Quality demands for B/C grade:

Top side (B-side):

- colour differences and redheart allowed (heart max. 20 % surface area)
- sound tights knots max. diamter 15 mm allowed
- sound tight knots chipped, cracked allowed, but filled with wood filler
- open/black knots allowed up to 10 mm rare and filled with wood filler
- open joints, missing glue, surplus of glue or other technical defects are not allowed
- · capillary shakes or open shakes allowed, but rare and filled with wood filler
- pith allowed

Back Side (C-side):

- colour differences, bluestain and heart (light and dark) allowed
- sound tight knots max. diameter 25 mm allowed
- sound tight knots chipped, cracked allowed, but filled with wood filler
- open/black knots allowed up to 15 mm, filled with wood filler
- capillary shakes or open shakes allowed, filled with wood filler
- pith allowed

Quality demands for C/D (SAB) grade:

Top side:

- not limited lamella / stave width and lengths
- colour differences, heart, bluestain, hard rot allowed without limitation
- sound knots allowed without limination, filled with wood filler
- open/black knots allowed without limitation, filled with wood filler
- shakes and cracks allowed –rare, but filled with wood filler
- surface must be well filled and fully closed, no holes and open defects allowed

Back side:

- allowed all defects as on top side
- allowed also open shakes and cracks
- allowed also soft rot and occasional insect attack
- allowed not full lamella thickness and wanes
- defects are not filled with wood filler or any kind of repair