

Window Scantling

Description

The scantling is edge glued and finger jointed, usually has three layers, two outer layers (we called face/back) and an inner layer (we called center layer).

All scantlings can be delivered in two different versions:

- **KKK** - all layers finger jointed, distance between joints on outer layers no less than 210mm, usually 6000mm length, other lengths possible.
- **DKD / DKK** – We fixed lengths with two continuous surface layers (DKD) or other construction with a continuous surface layer (DKK).



Specifications

1. Species: Pine, Larch, Okoume, Red Meranti, Maple, Oak. 3 layer window scantling, solid wood flooring, edge glued and finger-jointed panels, wood planks,

2. Dimension range: thickness 12-40mm; width up to 1220mm, and length up to 6000mm.

Main dimension:

63(21+21+21) x86x800-4000mm

72(24+24+24) x86x800-4000mm

Finger joint up to 6000mm, and customized sizes available

3. Profile: 3 layers, outer layers solid with middle layer FJ or 3 layers all FJ

4. Quality: A/B; B/C; C/C, well sanded (Sand on both sides with 100 or 120 abrasive paper) 4 sides clear of defects, vertical or semi-vertical grain.

5, Glued according to DIN EN204 D4

6, Density: 450 (kg/m³) - 920 (kg/m³)



Applications

Finger jointed Timber can be used as: Door & window frames, partition & false ceiling framework, furniture, beams & purling (either with or without lamination).



Technical data

I Quality Grade

- A grade: no dead knots (pin knots allowed, <1mm), little sound knots, <5mm, mineral lines and sapwood
- B grade: dead knots <5mm, sound knots <10mm, sapwood and mineral lines
- C grade: dead knots <10mm, sound knots <30mm, sapwood and mineral lines, much sapwood and unlimited mineral lines
- D grade: all defects allowed, some defects can be repaired by putty

II Glue Grade

COSCO Nobel Glue (DIN EN 204)

This is the European Standard that is well known around the world as a water resistance test for wood adhesives. The EN204 test has 4 durability classifications. Durability Classification Examples of climatic conditions and fields of application .

- D1 Interior use, in which the temperature only occasionally exceeds 50°C for a short time and the moisture content of the wood is 15% maximum.
- D2 Interior with occasional short term exposure to running or condensed water and/or to occasional high humidity provided the moisture content of the wood does not exceed 18%.
- D3 Interior with frequent short term exposure to running or condensed water and/or heavy exposure to high humidity. Also can be used for exterior applications without exposure to weather.
- D4 Interior with frequent long term exposure to running or condensed water.

Most discussions are centered on whether or not an adhesive will pass durability classes D3 or D4. The D1 or D2 tests are less often referenced.

For information and price contact with Customer Service Rep or your Sales Representative