

## **Koskisen Thin Plywood Surface quality description**



This document shows Koskisen Thin Plywood surface veneer quality descriptions and examples of the stamping options provided to Thin Plywood panel products



## Surface quality grades of Thin Plywood

Surface grades used with Koskisen Thin Plywood are AB – B – BR – C. Surface veneers are from 0,15 mm to 0,50 mm in nominal thickness. Thin plywood is made by rotary cut birch veneer, without joints. Finnish birch is naturally scandic, light coloured hardwood.

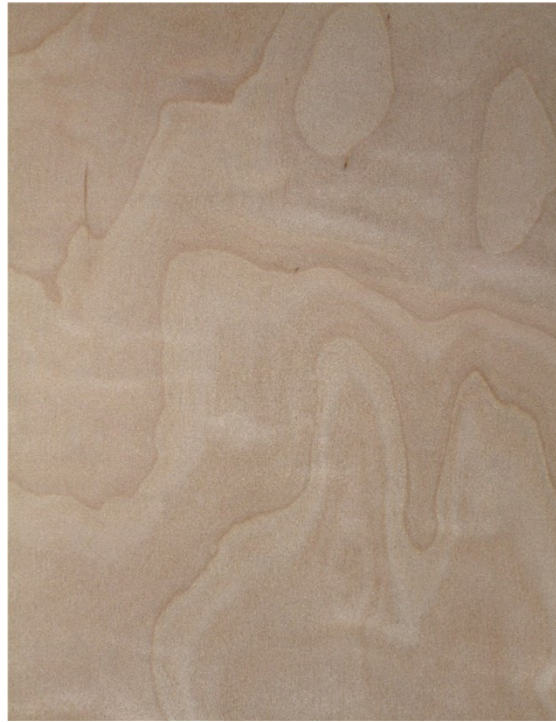
Wood is a living material, and every panel is unique. Therefore, a photograph or a sample piece cannot represent a full-sized panel as regards colours, shades, figure, knots etc. The information, although based on extensive testing, is intended as a guideline only. The colours, tones and grain patterns may differ from those illustrated in this document. Pictures show the typical general appearance of the panel with additional pictures for reference of the characteristics.

### AB – grade

Light colored surface with some natural birch characteristics. AB surface quality grade may contain some small color variation, flames and curly figuring, small streak and overlaps, some solid knots max Ø 5 mm and some deviation of the grain.



Koskisen Thin Plywood  
*typical surface AB*



AB: small color defects, flames and curly figuring / small streak and overlaps



AB solid knots max  $\varnothing$  5 mm / deviation of the grain

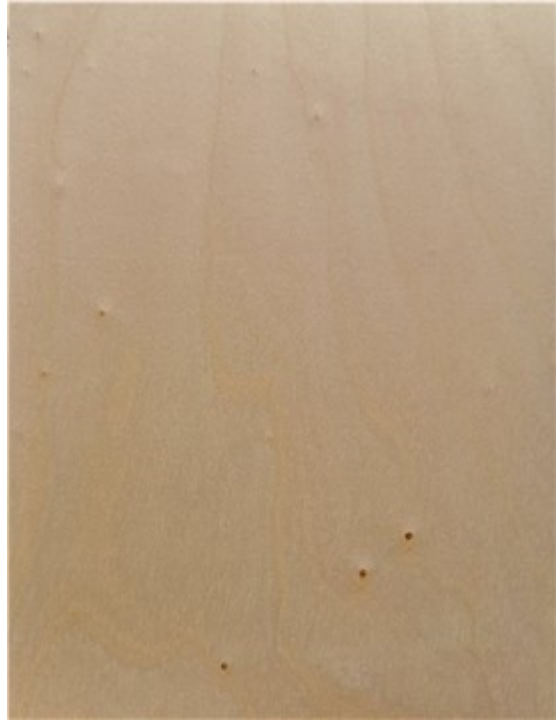


## B – grade

Light colored surface, showing a touch more of natural birch characteristics. B surface quality grade allows mild color variations on the whole surface area, some flames and curly figuring, small streak and overlaps, some knots or knotholes max. Ø7-8 mm and some deviation of the grain.



*typical surface B*



B: colour variation, flames and curly figuring / some knots or knotholes max Ø7-8 mm



B: small streak and overlaps / deviation of the grain




## Br – grade

Is mainly used as a technical face grade, similar to B-quality, with allowing discolouration (color, shades of yellow/other shades) and showing natural birch characteristics. BR surface quality grade may contain colour defects, flames and curly figuring more than in B -quality, small streak and overlaps, open and closed splits and some knots or knotholes max. Ø8 mm



*typical surface BR*

Koskisen Thin Plywood  
Surface quality sample  
Grade BR  
  
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BR: colour defects, flames and curly figuring, some knots max Ø 8 mm





BR: small streak and overlaps

### C – grade

C -grade allows discolouration, streaks, overlaps, deviation of the grain, small blue spilts and a lot of small knots. This quality also allows appr. 10 pcs of max. Ø15 mm knots or knotholes so that they cover 50% of the surface of the board. The other 50% should be free of the dominant defects.



*typical surface C*



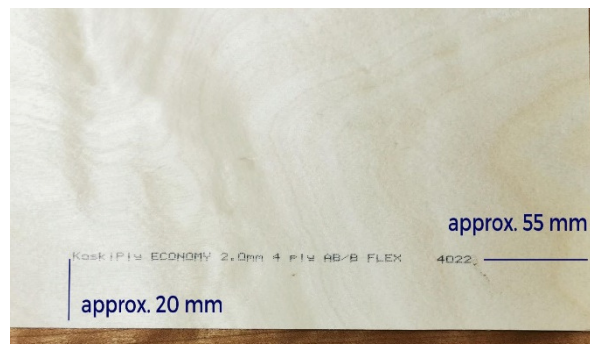
## Stamping examples

Stamp of the thin plywood panels assure the product detail to be attached to the specific panel. Stamp will help to identify product details (thickness, surface quality, structure and glue) after the panels have been taken out from the original package. Stamping marks are approximately 3 mm high, printed on dark coloured ink. Stamp is printed on one side of the panel. On request panels can be left un-stamped, with no markings at all. The location measurements may vary slightly.

### 1. Koskisen standard stamp

Stamp info: product name, thickness, ply structure, surface grades, glueline, production year and week.

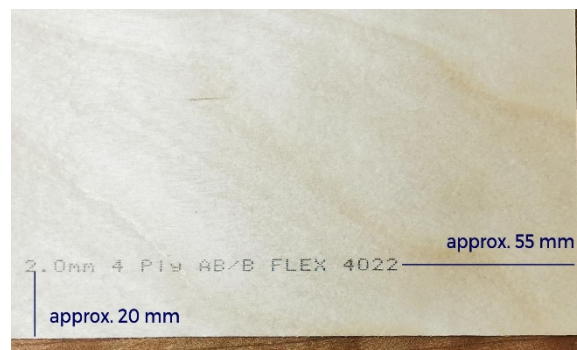
Location measurements:  
approximately 55 mm from right corner / 20 mm from panel side



### 2. Neutral Stamp

Stamp info: panel thickness, ply structure, surface grades, glueline, production year and week.

Location measurements:  
approximately 55 mm from right corner / 20 mm from panel side



### 3. Production time Stamp

Stamp info: production week and year.

Location measurements:  
approximately 55 mm from right corner / 20 mm from panel side

