

Quality Requirements

ROTARY CUT BIRCH VENEER QUALITY REQUIREMENT

Quality Requirements	Grade /assortment in 1 m ²			
	A/ grade I	B/ grade II	C/ grade III	D/grade IV
Humidity	4 % ± 2 %	4 % ± 2 %	2 % to 4 %	2 % to 4 %
Thickness tolerance	±0,05mm	±0,05mm	±0,05mm	±0,05mm
Length tolerance	±5mm	±5mm	±5mm	±5mm
Width tolerance	±5mm	±5mm	±5mm	±5mm
Discoloration /mineral line	Not allowed	highly contrasting colors - NOT allowed natural-OK	Allowed	Allowed
Fake Core "Brown"	Not allowed	Not allowed	Allowed up to 1/10 of the veneer surface	Allowed
Knots healthy / light	Allowed up to 5mm 3/1m ²	Allowed up to 10mm 5/m ²	Allowed/unlimited	Allowed/ unlimited
Knots healthy / Dark	Not allowed	Allowed closed knots up to 20mm 3 /1m ²	Allowed	Allowed/ unlimited

	A	B	C	D
Pen knots (point knots)	Allowed up to Ø3 mm 3psc/m ²	Allowed up to 3mm unlimited	Allowed /unlimited	Allowed /unlimited
Open knots holes	Not allowed	Not allowed	Allowed open knots holes up to 30mm 6psc /1m ²	Allowed
Cracks	Not allowed	Not allowed	Allowed 2 cracks of veneer up to 20mm from the ends (in width)	Allowed 3 cracks of veneer up to 20mm from the ends (in width)
Bark	Not allowed	Not allowed	Not allowed	Not allowed
Veneer roughness	Not allowed	Not allowed	Not allowed	Not allowed
Peeling defects	Not allowed	Not allowed	Allowed up to 1/10 of surface	Allowed
Mechanical defects	Not allowed	Not allowed	Not allowed	Not allowed
Dirt	Not allowed	Not allowed	Not allowed	Not allowed

VISUAL INFORMATION

A/ grade I



B/ grade II



C/ grade III

D/ grade IV



NOT ACCEPTABLE DEFECTS /ROUGHNESS / CRACKS (ALLOWED and LIMITED only to C and D grades)

