

BBS grading

spruce residential **AB** | example



spruce industrial **BC** | example



BBS grading



top layer

Extract from the European standard DIN EN 13017-1			
Classification of the surfaces of multi-ply solid wood boards			
Characteristics	A	B	C
Adhesion	no open glued joints	open joints; < 100 mm/m glued joint permitted	open joints; < 100 mm/m glued joint permitted
Visual appearance and colour	well balanced in colour and texture	considerably balanced in colour and texture	no requirements
Texture	rough texture permitted	rough texture permitted	no requirements
Branches	healthy, strongly grown spruce branches : up to 40 mm diameter larch branches: up to 60 mm diameter sporadic black branches	healthy, strongly grown branches and sporadic black branches permitted	permitted
Dowel ²	Natural branch dowel permitted	permitted	permitted
Rosin gall	sporadic up to 3 mm x 40 mm permitted	sporadic up to 5 mm x 50 mm permitted	permitted
Repaired rosin galls	permitted	permitted	permitted
Ingrowing bark	not permitted	permitted if sporadic	permitted
Shake	sporadic surface shakes permitted	Surface and end shakes up to 50 mm length permitted if sporadic	permitted
Pith	sporadic up to 400 mm length permitted	permitted	permitted
Compression wood	permitted if sporadic	permitted	permitted
Insect attack	not permitted	not permitted	small sporadic holes from non-active larvae permitted
Discolouring	not permitted	slight discolouring permitted	permitted
Decay	not permitted	not permitted	not permitted
Sapwood	with larch, narrow stripes up to 20 % of the laminated width is permitted	permitted	permitted
Quality of the surface finish	small sporadic flaws permitted	sporadic flaws permitted	no requirements
² Measurements of oval dowels as by branches			