

Product information

SURFACE QUALITY

04/2012

Surface quality appearance grade/Product characteristics			
CHARACTERISTICS	VI	IVI	NVI
Bonding	occasional open joints up to max. 1 mm width permitted	occasional open joints up to max. 2 mm width permitted	occasional open joints up to max. 3 mm width permitted
Blue stains	not permitted	slight discolouration permitted	permitted
Discolorations (brown stains, etc.)	not permitted	not permitted	permitted
Resin galls	no knot clusters, max. 5 x 50 mm	max. 10 x 90 mm	permitted
Bark ingrowth	occasional occurrences permitted	occasional occurrences permitted	permitted
Dry cracks	occasional surface cracks permitted	permitted	permitted
Core – pith	occasional, up to 40 cm long permitted	permitted	permitted
Insect damage	not permitted	not permitted	occasional small holes up to 2 mm permitted
Knots – sound	permitted	permitted	permitted
Knots – black	max. 1.5 cm Ø	max. 3 cm Ø	permitted
Knots – hole	max. 1 cm Ø	max. 2 cm Ø	permitted
Rough edges	not permitted	not permitted	max. 2 x 50 cm
Surface	100% sanded	100% sanded	max. 10% of surface rough
Quality of surface finish	occasional small faults permitted	occasional faults permitted	occasional faults permitted
Quality of narrow side bonding and face ends	occasional small faults permitted	occasional faults permitted	occasional faults permitted
Chamfer on L panels	yes	no	no
Rework edge of cut with sandpaper	yes	no	no
Machining – chainsaw	not permitted	permitted	permitted
Lamella width	≤ 130 mm	max. 230 mm	max. 230 mm
Wood moisture	max. 11%	max. 15%	max. 15%
Timber species mixture	not permitted	not permitted	permitted with spruce/silver fir, pine



VI Visible quality



IVI Industrial Visible quality



NVI Non-Visible quality



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Product information

Stora Enso offers three different CLT single-layer panel qualities:

NVI Non-visible quality

IVI Industrial visible quality

VI Visible quality

The three different single-layer panel qualities are available with the following CLT surface qualities:

NVI quality description

NVI (Non-visible quality) ➡

NVI (Non-visible quality) ➡

NVI (Non-visible quality) ➡



INV quality description

IVI (Industrial visible quality) ➡

NVI (Non-visible quality) ➡

NVI (Non-visible quality) ➡



VI quality description

VI (Visible quality) ➡

NVI (Non-visible quality) ➡

NVI (Non-visible quality) ➡



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Product information

QUALITY DESCRIPTIONS

04/2012

BVI quality description

VI (Visible quality)	→
NVI (Non-visible quality)	→
VI (Visible quality)	→



IBI quality description

IVI (Industrial visible quality)	→
NVI (Non-visible quality)	→
IVI (Industrial visible quality)	→



IVI quality description

VI (Visible quality)	→
NVI (Non-visible quality)	→
IVI (Industrial visible quality)	→



Overview

Cover layer	NVI	VI	VI	IVI	IVI	VI
Quality description	NVI	VI	BVI	INV	IBI	IVI
Cover layer	NVI	NVI	VI	NVI	IVI	IVI



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