

HOLTTEM AS LOG QUALITY REQUIREMENTS

2 February 2023

1. The *seller* sells and the *buyer* purchases felled *timber*, the quality and dimensions of which are stipulated below:

Diameter at the top end, stripped of bark:	Min 16 cm	
Maximum diameter of the lower end, with bark:	Max 60 cm	
Lengths:	36–51 dm, in increments of 3 dm	
Auxiliary measure:	None	
Overlength	Min 7 cm	
Fault name / Quality	ABC	D
Sound knot	Permitted Ø for spruce <70 mm, pine <80 mm, quantity unlimited	Ø for spruce <80 mm, pine <100 mm, quantity unlimited
Dry knot	Permitted Ø for spruce <60 mm, pine <70 mm, quantity unlimited	Ø for spruce <70 mm, pine <90 mm, quantity unlimited
Unsound knot	Permitted Ø for spruce <40 mm, pine <60 mm, quantity unlimited	Ø for spruce <50 mm, pine <80 mm, quantity unlimited
Intergrown knots	Permitted	
Splay knots	Forbidden	Permitted
Cluster knots	Forbidden	Permitted
Branch stub (bad) height	Permitted <30 mm	Permitted <50 mm
Simple sweep	Permitted evenly over the entire length of the log: on a log with a length of 30 dm <1.3%, on longer logs <1.5%	Permitted evenly over the entire length of the log: <2%
Multiple sweep	Forbidden in the processing cylinder	Forbidden in the processing cylinder
Sharp sweep	Forbidden	
Butt-end area cracks	Forbidden traversing cracks in butt-end areas and circular cracks	Permitted traversing cracks in butt-end areas at a distance of <200 mm
Edge cracks	Forbidden in the effective length and in the processing cylinder	
Outer inbark	Permitted up to the two-fold length of the higher end diameter on one side of the log outside the processing cylinder	Permitted
Inner inbark	Forbidden in the processing cylinder	Permitted
Soft rot	Forbidden	
Hard rot	Forbidden	
Sap rot	Forbidden	
Stockiness	Forbidden	Forbidden
Double pith	Forbidden	Permitted
Log blue	Forbidden	Permitted
Grub holes	Permitted surface fault	Permitted
Resin tapping (including double-sided)	Forbidden	Permitted
Mechanical damage (including damage by harvester rollers)	Permitted <7 mm under bark	Permitted without limitation in the processing cylinder at length of

		<600 mm; Permitted damage by harvester rollers <20% of the diameter of the processing cylinder along the entire length of the log
Metal content, soot, foreign bodies	Forbidden	Forbidden
Dead-and-down	Forbidden	Forbidden

Holtem AS

(signed digitally)

Mikk Kullamaa

Member of the management board