

**Iswood® wood-cork window scantling**

**Cork**

The used cork is **not** subject to one of the following categories:

- Harvest in forest areas where traditions or civil rights are violated
- Harvest in forest areas without FSC-approval with high preservation value and endangered wood
- Harvest from genetically engineered trees (GR)
- Illegal harvest
- Natural forests that were converted into plantations or non-forest areas

Properties	Symbol	Test method	Unit	Value
Gross density	$\rho_a$		kg/m <sup>3</sup>	300
Thermal conductivity	$\lambda_D$		W/mK	0.044
Tensile strength			MPa	0.60–0.75

**Wood**

All types of wood available, different types of wood can be combined

- Quality A/A
- FSC- or PEFC-certified

Spruce properties	Symbol	Test method	Unit	Value
Gross density	$\rho_a$		kg/m <sup>3</sup>	470
Thermal conductivity	$\lambda_D$		W/mK	0.140
Oak properties	Symbol	Test method	Unit	Value
Gross density	$\rho_a$		kg/m <sup>3</sup>	700
Thermal conductivity	$\lambda_D$		W/mK	0.210
Beech and ash properties	Symbol	Test method	Unit	Value
Gross density	$\rho_a$		kg/m <sup>3</sup>	700
Thermal conductivity	$\lambda_D$		W/mK	0.170