

Classification table for timber/panels treated with Burnblock® | V1 2020

During the testing process, the protocol for fire tests and classification of the GNB/CPD position paper NB-CPD/SH02/12/096 (published on 21 December 2012) of the group of registered institutes for the Directive Construction Products were applied.

In accordance with classification: EN 13823 (SBI) and EN 14135:2004

In accordance with fire tests: EN 13501-1:2007+A1:2009 and EN 13501-2:2007+A1:2009

Wood types	Density	Min. thickness	Reaction to fire classification
Birch plywood	650-700	12 mm	B-s1,d0
Pine plywood	450-600	12 mm	B-s1,d0
Spruce	350-600	21 mm	B-s1,d0
LVL	350-600	20mm	B-s1,d0
Pinewood	350-600	20 mm	B-s1,d0
Oak	500-750	20 mm	B-s1,d0
Thermo-ash	590-650	21,5 mm	B-s1,d0
Thermo-pine	450-500	19 mm	B-s1,d0
Cedar	350-450	12,5 mm	B-s2,d0
Siberian Larch	650-750	22 mm	B-s1,d0
Accoya	550-550	19 mm	B-s1,d0
Thermo-Ayous	400-700	15 mm	B-s1,d0

Certificering & tests

Independent 3rd party institute:

BRE UK

Building science centre

DBI

Fire and security

RISE

The Swedish Research Institute

MPA Eberswalde

Materialprüfanstalt
Brandenburg

AIDIMME

Instituto Tecnológico

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Determination method in accordance with EN 13823 (SBI)

One test indicates the classification B-s1,d0 in accordance with EN 13501-1

Wood types	Density	Min. thickness	Reaction to fire classification
Bamboo	600-700	26 mm	B-s1,d0

EN45545-2:2013 Burning behaviour of materials and components in rail vehicles

Wood types	Density	Min. thickness	Reaction to fire classification
Birch plywood	650-750	12 mm	R10; HL1/HL2/HL3 (floor covering)
Birch plywood	650-750	12 mm	R1; HL1/HL2 (walls)
Birch plywood	650-750	12 mm	R7; HL1/HL2 (exterior walls)

We have more wood types available and are continuously expanding our certification. Please contact us for more information.

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