



Classification Table for Burnblock® Treated Wood

The protocol on fire testing and classification of GNB-CPD position paper NB-CPD/SH02/12/096 (issued 21 December 2012), from the group of Notified Bodies for the Construction Products Directive, has been applied in the process of testing.

According to Classification: EN 13501-1:2007+A1:2009 and EN 13501-2:2007+A1:2009

According to fire testing: EN 13823 (SBI) and EN 14135:2004

Wood Species	Density	Min. Thickness	Reaction to Fire Classes 1
Birch Plywood	650-750	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	20 mm	B-s1,d0
Pine	450-600	20 mm	B-s1,d0
Oak	500-750	20 mm	B-s1,d0
Poplar Plywood	400-500	12 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
Ayous	400-700	15 mm	B-s1,d0
Thermo Ayous	400-700	15 mm	B-s1,d0
Thermo Fraké			In testing phase
Padouk			In testing phase

Testing Institute
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
© Copyright Burnblock 2017

Burnblock® is a registered trademark of Burnblock Aps.
Disclaimer: Burnblock updates technical information as and when necessary.
Please ensure you have the latest revision of this datasheet..
www.burnblock.com

Indication test according to EN 13823 (SBI)

The single test indicates a classification of B-s1,d0 according to EN 13501-1

Wood species	Density	Min. Thickness	Reaction to Fire Classes. Indicates DK Klasse A-Materials
Bamboo	600-700	26 mm	B-s1,d0



Classification Table for Burnblock Treated Wood

EN45545-2:2013 Brandgedrag van materialen en onderdelen in treinen

Wood species	Density	Thickness	Fire Resistance Class
Birch Plywood	650-750	12 mm	R10; HL1/HL2/HL3 (flooring)
Birch Plywood	650-750	12 mm	R1; HL1/HL2 (walls)
Birch Plywood	650-750	12 mm	R7; HL1/HL2 (exterior walls)

MDF - Medium-Density Fibreboard

According to classification: EN 13501-1:2007+A1:2009 and EN 135012:2007+A1:2009

According to fire testing: EN 13823 (SBI) and EN 14135:2004

Wood species	Density	Thickness	Fire Resistance Class
Woodfibres for MDF	730	19 mm	B-s1,d0

Fire Resistance Classe SP Fire 105

The facade cladding described above has been fire tested accordance with SP Fire 105, issue 5, dated 1994-09 and is assessed to satisfy the requirement for external walls in buildings of class Br1.

Wood species	Density	Thickness	Fire Resistance Class
Spruce	350-600	21 mm	SP 105

We are constantly expanding our certifications.

Contact us for more information: bb@lemahieu.be