



## 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

Reaction to Fire Behavior and tox

**Owner/Holder**  
Burnblock Aps

**Testing Institute**  
Danish Technological Institute

**Testing/Certification Institute**  
Technical Research Institute of Sweden

Wood Species	Density	Min. Thickness	Reaction to Fire Classes *1	Resistance to Fire Classes *2
Birch Plywood	650-750	12 mm	B-s1,d0	K <sub>1</sub> ,K <sub>2</sub> ,10/B-s1,d0
Pine Plywood	450-600	12 mm	B-s1,d0	K <sub>1</sub> ,K <sub>2</sub> ,10/B-s1,d0
Spruce	350-600	21 mm	B-s1,d0	K <sub>1</sub> ,K <sub>2</sub> ,10/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	20 mm	B-s2,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	

1: DK Class A Materials / 2: DK Class1 Cladding

### Fire Resistance Class 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

### 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	Resistance to Fire Classes Indicates DK-Klasse 1-Clothing
Bamboo	600-700	26 mm	B-s1,d0	

### EN45545-2:2013 fire behavior of materials and products used in trains

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)

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