

Classification Table of Holzimprägnierwerk AG for Burnblock Treated Wood

Holzimprägnierwerk AG

St. Pelagibergstrasse 34
9205 Waldkirch
Switzerland

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.

Contact:

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Solid Wood

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 | Resistance to Fire Classes *2 |
|----------------|---------|----------------|-----------------------------|-------------------------------|
| Spruce | 350-600 | 15 mm | B-s1,d0 | K1, K2,10/ B-s1,d0 |
| Pine | 450-600 | 20 mm | B-s1,d0 | |
| Oak | 500-750 | 20 mm | B-s1,d0 | |
| Cedar | 350-450 | 12.5 mm | B-s2,d0 | |
| Siberian Larch | 650-750 | 22 mm | B-s1,d0 | |

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

Thermo Wood

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 | Resistance to Fire Classes *2 |
|--------------|---------|----------------|-----------------------------|-------------------------------|
| Thermo Ash | 590-650 | 21.5 mm | B-s1,d0 | |
| Thermo Pine | 450-500 | 19 mm | B-s1,d0 | |
| Thermo Ayous | 550-550 | 19 mm | B-s1,d0 | |
| Accoya | 400-700 | 15 mm | B-s1,d0 | |

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

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Updated as of 03.12.2018

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Plywood

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 | Resistance to Fire Classes *2 |
|----------------|---------|----------------|-----------------------------|-------------------------------|
| Birch Plywood | 650-750 | 12 mm | B-s1,d0 | K1, K2,10/ B-s1,d0 |
| Pine Plywood | 450-600 | 12 mm | B-s1,d0 | K1, K2,10/ B-s1,d0 |
| Poplar Plywood | 400-500 | 12 mm | B-s1, d0 | |
| LVL | 350-600 | 20 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 |