

In compliance with Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction products

Solid wood panelling and cladding

for use as external finishes in walls subject to reaction to fire regulations, with specification and performance as specified on page 2-5 in this certificate.

Product names: C260 Xteriör and C260

placed on the market under the name or trademark of

Södra Timber A/S

Frydenborgvej 27N
DK-3400 Hillerød, Denmark

and produced in the manufacturing plant

Woodsafe Timber Protection AB, Fågelbacken, SE-725 95 Västerås, Sweden

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in annex ZA of the standard

EN 14915:2013

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the

constancy of performance of the construction product.

This certificate was first issued on 2009-09-30 and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

Issued by notified body 0402

The validity of this certificate can be verified on our website.

Martin Tillander
Product Certification Manager

Magnus Sturesson
Project Manager

Certificate 0402-CPR-SC0363-19 | issue 1 | 2019-09-30

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2017-07-06



Specification and performance C260 Xteriör

Fire retardant treated solid wood, for use in construction. The fire retardant is applied to the solid wood in a vacuum-pressure impregnation process. The definition of arto/arto is the percentage amount of dry fire retardant chemicals in respect to the amount of dry wood. The name of the fire retardant is C260 Xteriör.

| Product / Wood species | Density (kg/m ³) | Nominal thickness (mm) | Amount of fire retardant in arto/arto (%) | Reaction to fire (Euroclass) | Note |
|---|------------------------------|----------------------------|---|------------------------------|------|
| Red Western Cedar panel (<i>Thuja plicata</i>) | 402-473 | 9 | 11 | B-s2, d0 | 1) |
| Douglas fir/Oregon pine panel (<i>Pseudotsuga menziessii</i>) | 449-746 | 18 | 9,00 | B-s1, d0 | 1) |
| Siberian larch panel (<i>Larix sibirica</i>) | 567-825 | 20 | 5,00 | B-s1, d0 | 1) |
| Heat modified Frake panel (<i>Terminilia superba</i>) | 440-631 | 18 | 9,00 | B-s1, d0 | 1) |
| Spruce panel (<i>Picea abies</i>) | 392-566 | 18 | 8 | B-s1, d0 | 1) |
| Oak panel (<i>Quercus robur</i>) | 479-868 | 19 | 3 | B-s1, d0 | 2) |
| Sweet chestnut panel (<i>Castanea Sativa</i>) | 514-775 | 22 | 3,00 | B-s1, d0 | 2) |
| Heat modified pine/Thermo wood (<i>Pinus sylvestris</i>) | 450-600 | 21 | 8,8 | B-s2, d0 | 3) |
| Red Western Cedar panel (<i>Thuja plicata</i>) | 350-500 | 18 (10 mm for the tongues) | 5 | B-s1, d0 | 3) |
| Accoya® (Acetylation Radiata Pine) (<i>Pinus Radiata</i>) | 510-620 | 17 | 7,54 | B-s1, d0 | 4) |

Notes to table above

1) This classification is valid for the following end use conditions:

Any wood based substrate of Euroclass D-s2,d0 or better, or any substrate of Euroclasses A1 or A2-s1,d0, both with a density equal to or greater than 338 kg/m³ and a thickness equal to or greater than 8 mm. Mechanically fixed, with or without an air gap.

2) This classification is valid for the following end use conditions:

Any wood based substrate of Euroclass D-s2,d0 or better, or any substrate of Euroclasses A1 or A2-s1,d0, both with a density equal to or greater than 338 kg/m³ and a thickness equal to or greater than 8 mm. Mechanically fixed, with or without an air gap. Boards mounted horizontally.

3) This classification is valid for the following end use conditions:

Gypsum plasterboard (paper faced) and any end use substrate of Euroclasses A1 or A2-s1,d0 at least 12 mm thick, having a density ≥ 525 kg/m³. Mechanically fixed, mounted with or without an air gap against the substrate. Horizontal mounting, with horizontal and vertical joints.

4) This classification is valid for the following end use conditions:

Gypsum plasterboard (paper faced) and any end use substrate of Euroclasses A1 or A2-s1,d0 at least 12 mm thick, having a density ≥ 525 kg/m³. Mechanically fixed, mounted with or without an air gap against the substrate. Vertical mounting, with horizontal and vertical joints.

Specification and performance C260

Fire retardant treated solid wood, for use in construction. The fire retardant is applied to the solid wood in a vacuum-pressure impregnation process. The definition of arto/arto is the percentage amount of dry fire retardant chemicals in respect to the amount of dry wood. The name of the fire retardant is C260.

| Product / Wood species | Density (kg/m ³) | Nominal thickness (mm) | Amount of fire retardant in arto/arto (%) | Reaction to fire (Euroclass) | Note |
|---|------------------------------|------------------------|---|------------------------------|------|
| Pine panel | 400-600 | 12 | 5,70 | B-s1,d0 | 1) |
| Pine panel | 400-600 | 15 | 5,20 | B-s1,d0 | 1) |
| Heat modified pine panel | 400-550 | 12 | 5,30 | B-s1,d0 | 1) |
| Pine soft wood panel | 378 | 17 | 10,50 | B-s1,d0 | 3) |
| Aspen panel | 440-590 | 21 | 12,30 | B-s1,d0 | 1) |
| Maple panel | 600-800 | 12 | 4,05 | B-s1,d0 | 1) |
| Birch panel | 600-800 | 12 | 4,25 | B-s1,d0 | 1) |
| Poplar panel | 380-550 | 15 | 4,30 | B-s1,d0 | 2) |
| Red western Cedar panel | 380-490 | 19 | 5,50 | B-s1,d0 | 1) |
| Siberian Larch panel | 590-820 | 21 | 2,80 | B-s1,d0 | 1) |
| Studs of ash, having a nominal thickness of 21 mm and a nominal width of 35 mm. Mounted vertical with or without an air gap of up to 15 mm between each stud. | 600-800 | 21 | 6,40 | B-s1,d0 | 4) |
| American white Oak panel. Surface coating of white pigmented hard wax oil/varnish called "Osmo 3041", wet application is 50 g/m ² . | 690-850 | 12 | 3,30 | B-s1,d0 | 1) |

Notes can be seen on page 5 of this certificate.

| Product / Wood species | Density (kg/m ³) | Nominal thickness (mm) | Amount of fire retardant in arto/arto (%) | Reaction to fire (Euroclass) | Note |
|--|------------------------------|------------------------|---|------------------------------|------|
| Spruce panel with surface coating. Primer and top coating of acid component varnish applied in automatic spray box, with grinding between first and second layer. Wet application is 139 g/m ² primer and 114 g/m ² top coating. Dry application is 79,23 g/m ² primer and 51,3 g/m ² top coating. | 380-550 | 12 | 5,30 | B-s1,d0 | 1) |
| Ash panel with surface coating. Primer and top coating of acid component varnish applied in automatic spray box, with grinding between first and second layer. Wet application is 139 g/m ² primer and 114 g/m ² top coating. Dry application is 79,23 g/m ² primer and 51,3 g/m ² top coating. | 600-800 | 12 | 3,90 | B-s1,d0 | 1) |
| Painted spruce panel. Painted with a primer called "antistain 5200" and a paint system called "Aquatop" from Teknos. The paint is applied in an automatic spray box. Wet application is 139 g/m ² for "Antistain 5200" and 114 g/m ² for "Aquatop". Dry application is 79,23 g/m ² for "Antistain 5200" and 51,30 g/m ² for "Aquatop". | 380-550 | 12 | 5,70 | B-s1,d0 | 1) |

Notes can be seen on page 5 in this appendix.

Notes to tables on page 3 and 4 in this certificate

1) This classification is valid for the following end use conditions:

Gypsum plasterboard (paper faced) and any end use substrate of Euroclasses A1 or A2-s1,d0, at least 12 mm thick, having a density $\geq 525 \text{ kg/m}^3$. Mechanically fixed, with or without an air gap. Horizontal wood scantlings creating a void, if fixed with an air gap.

2) This classification is valid for the following end use conditions:

Gypsum plasterboard (paper faced) and any end use substrate of Euroclasses A1 or A2-s1,d0, at least 12 mm thick, having a density $\geq 525 \text{ kg/m}^3$. Mechanically fixed. Wood scantlings creating a void.

3) This classification is valid for the following end use conditions:

Any end use substrate with a fire performance of Euroclasse D-s2,d0 or better, at least 12 mm thick, having a density $\geq 680 \text{ kg/m}^3$. Mechanically fixed, with or without an air gap.

4) This classification is valid for the following end use conditions:

Gypsum plasterboard (paper faced) and any end use substrate of Euroclasses A1 or A2-s1,d0, at least 12 mm thick, having a density $\geq 525 \text{ kg/m}^3$. Mechanically fixed, mounted with or without an air gap up to 15 mm between each wooden stud. Mounted with or without an air gap created by means of FR-treated wood battens between substrate and panel.