Certificate of constancy of performance

0402-CPR-SC0310-18

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 product

Solid wood panelling and cladding

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

Product name: Frøslev Træ Fire Retardant Treated Wood

placed on the market under the name or trademark of

Frøslev Træ A/S
Jens P. L. Petersensvej 1
DK-6330 Padborg, Denmark

and produced in the manufacturing plant

same as above

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 2018-05-15 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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.

Signed by: Martin Tillander
Reason: I am the author of this document
Date & Time: 2020-03-04 13:55:24 +01:00

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2P01347

Specification and performance

Fire retardant treated wood. Maximum moisture content is 19 %. The profiles come with or without grooves in the longitudinal direction depending on profile. The fire retardant is applied in a vacuum-pressure impregnation process. The name of the fire retardant is Dricon™.

Wood species	Density [kg/m³]	Nominal thickness [mm]	Fire retardant mean dry uptake [kg/m³]	Reaction to fire class	Note
Spruce	369-555	20±2	30,0	B-s1,d0	1)
Spruce	357-600	≥12	35,1	B-s1,d0	2), 5)
Spruce	369-555	40±2	37	B-s1,d0	4)
Thermowood spruce	302-534	≥18	42,1	B-s1,d0	3)
Pine	417-755	≥12	63,1	B-s2,d0	2), 5)
Western Red Cedar	309-488	≥17	35,1	B-s1,d0	3), 5)
European oak	511-872	18-40	33,5	B-s1,d0	2), 5)
Douglas Fir	393-736	≥18	25,1	B-s1,d0	2), 5)
Ash	520-810	≥18	32,0	B-s1,d0	2), 5)
Larch	616-867	≥18	18,1	B-s2,d0	3), 5)
Opepe	686-838	≥21	47,9	B-s1,d0	2)

1) Applies for profiles FT 116 – FT 117, FT 121 – FT 142, FT 146 – FT 150, FT 161 – FT 190, FT 346 – FT 350, FT 151 – FT 155, FT 336 – FT 345 and FT 361 – FT 365 with tongue and groove and planed surface, and is valid for the following end use conditions: Gypsum plasterboard (paper faced) and any end use substrate of reaction to fire class A1 or A2-s1,d0 at least 12 mm thick, having a density ≥ 525 kg/m³. Mechanically fixed, horizontal mounting, with horizontal and vertical joints. Mounted with or without a void against the substrate or with wood scantlings creating a ventilated void.

2) Profiles with tongue and groove and planed surface. Valid for the following end use conditions: Construction applications, mechanically installed with or without an airgap, over any substrate with a density equal to or greater than 800 kg/m³, having a minimum thickness of 12 mm and a fire performance of A2 or better.

3) Profiles with rectangular cross section, planed all round. Valid for the following end use conditions: Construction applications, mechanically installed with or without an airgap, over any substrate with a density equal to or greater than 800 kg/m³, having a minimum thickness of 12 mm and a fire performance of A2 or better.

4) Profiles with square cross section and planed surface. Valid for the following end use conditions: Gypsum plasterboard (paper faced) and any end use substrate of reaction to fire class A1 or A2-s1,d0 at least 12 mm thick, having a density ≥ 525 kg/m³. Mechanically fixed, vertical and horizontal mounting, mounting with ≥ 5 mm distance between each wooden profile with horizontal and vertical joints.

5) Fire retardant mean dry uptake varies with profile thickness, see document "FR TSD 19 : DRICON minimum retentions issue 14" dated 2016-04-29 for details.