

Appendix A

Issue No: 8 Date: 24.05.2022

Certificate No: TT-PRS-0111

Tested constructions that are impregnated with "Holz Prof" (HR Prof) - Fire retardant with wood preservative

Nr	Construction	Orientation of boards	Type of wood	Nominal thickness of wood [mm]	Minimal thickness of wood [mm]	Air gap behind the panelling / cladding [mm]	FR agent treatment	Additional coating	Fire class of substrate	Fire class according to: EN 13501-1	Test report	Classification report
1	Vertical wall cladding	Vertical	Birch Pine	24	-	-	N/A	-	A1	B-s1, d0	TM-16/06	EC 2006-1
2	Cladding	Horizontal	Spruce	25	-	22	300 [g/m ²]	-	A1	B-s1, d0	SP P906808/rev 1	SP PX06012
3	Cladding	Horizontal or vertical	Scotland larch	≥ 22	-	≤ 20 or without air gap	300 [g/m ²]	-	B-s1, d0	B-s1, d0	MEKA 547-2011 MEKA 547-2/2011	MEKA K15/2011
4	Cladding	Horizontal or vertical	Western red cedar	≥ 22	-	≤ 20 or without air gap	400 [g/m ²]	-	B-s1, d0	B-s1, d0	MEKA 546-1/2011 MEKA 546-2/2011	MEKA K10/2011
5	Cladding	Horizontal	Siberian larch	≥ 25	-	≤ 20 or without air gap	300 [g/m ²]	-	B-s1, d0	B-s1, d0	MEKA 548-1-2011 MEKA 548-2-2011	MEKA K09/2011
6	Cladding	Horizontal or vertical	Oak	≥ 27	-	≤ 27 or without air gap	300 [g/m ²]	-	B-s1, d0	B-s1, d0	MEKA 716/1-2012 MEKA 716/2-2012	MEKA K06/2012
7	Cladding	Horizontal	Pine	≥ 14	-	Without air gap	300 [g/m ²]	-	A2-s1, d0	B-s1, d0	MEKA 1022-1/2013 MEKA 1022-2/2013	MEKA K22/2013
8	Cladding	Horizontal	Spruce	≥ 18	-	-	300 [g/m ²]	Worth Coatings stains	A2-s1, d0	B-s1, d0	MEKA 624/2011 L MEKA 1120/2014	MEKA K04/2014
9	Cladding	Horizontal	Spruce	≥ 18	10 ± 1	≤ 23 or without air gap	300 [g/m ²] (280 [ml/m ²])	No coating or Primer / JupeX 45 (glase) Lasur code: 67-00044	B-s1, d0	B-s1, d0	MEKA 1249-1/2014 MEKA 1249-2/2014	MEKA K15-1/2014
10	Flooring	N/A	Pine	≥ 18	-	-	300 [g/m ²]	-	C _{fl} -s1	B _{fl} -s1	MEKA 1456-1/2015 MEKA 1456-2/2015	MEKA K08/2015
11	Panelling and cladding	Horizontal or Vertical	Spruce	21	10	≤ 23 or without air gap	270 [ml/m ²]	Acrylic-alkyd resin based paint for wood Sikkens Cetol WF-771 (Akzo Nobel) 50-70 [g/m ²]	A1 or A2-s1, d0	B-s1, d0	MEKA 2320-1/2017 MEKA 2320-2/2017	MEKA K18/2017
12	Cladding	Horizontal or Vertical	Spruce	21	10	≤ 23 or without air gap	270 [ml/m ²]	Waterborne acrylic paint for wood Villa Ultima (Viva Color Tikkurila AS) 75-100 [g/m ²]	A1 or A2-s1, d0	B-s1, d0	MEKA 2321-1/2017 MEKA 2321-2/2017	MEKA K14/2017
13	Cladding	Horizontal or Vertical	Spruce	20	10	≤ 23 or without air gap	300 [g/m ²]	-	A1 or A2-s1, d0	B-s1, d0	MEKA 2914-2/2018 MEKA 2914-3/2018	MEKA K18/2018
14	Cladding	Vertical	Birch	24	-	≤ 24 or without air gap	400-500 [ml/m ²]	-	A1 or A2-s1, d0	B-s1, d0	TÜVE TM-06/07 TÜVE 010-18TM	TÜVE TEK-219/18
15	Cladding	Horizontal or Vertical	Spruce	20	10	40 and less	300 [g/m ²]	-	A1 or A2-s1, d0	B-s1, d0	APPLUS 18/17572-1474 Part 1	APPLUS 18/17572-1474 Part 2
16	Flooring	N/A	Birch plywood	16	-	-	270 [ml/m ²]	-	A1 or A2-s1, d0	B _{fl} -s1	MEKA 3618-1/2019 MEKA 3618-2/2019	MEKA K12/2019
17	Flooring	N/A	Wood particle board	12	-	Without air gap	270 [ml/m ²]	-	A1 or A2-s1, d0	B _{fl} -s1	MEKA 3740-1/2019 MEKA 3740-2/2019	MEKA K21/2019
18	Flooring	N/A	OSB	12	-	Without air gap	270 [ml/m ²]	-	A1 or A2-s1, d0	B _{fl} -s1	MEKA 3739-1/2019 MEKA 3739-2/2019	MEKA K27/2019
19	Flooring	Horizontal or Vertical	Thermally modified pine	28	-	Without air gap	270 [ml/m ²]	-	A1 or A2-s1, d0	B _{fl} -s1	MEKA 3741-1/2019 MEKA 3741-2-2019	MEKA K28/2019
20	Panelling and cladding	N/A	Siberian larch	20	-	With or without air gap	270 [ml/m ²]; (300 [g/m ²])	-	A1 or A2-s1, d0	B-s1, d0	LZP01-00728/20/ZOONZP LZP02-00728/20/ZOONZP	ITB 00728/20/ZOONZP/E

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21	Panelling and cladding	Vertical	Pine	21	-	With or without air gap	270 [ml/m ²]; (300 [g/m ²])	-	A1 or A2-s1, d0	B-s2, d0	LZP01-00654/21/ZOONZP LZP02-00654/21/ZOONZP	ITB 00654/21/ZOONZP/E
22	Flooring	N/A	Spruce Pine	-	21 ± 5%	15 or no gap	275 [ml/m ²]	Oil - 50 [ml/m ²]	A1 or A2-s1, d0	B _{fl} -s1	LZP01-01563/21/ZOONZP LZP02-01563/21/ZOONZP	ITB 01563/21/ZOONZP/E
23	Cladding	Vertical	Oak	26	-	With or without air gap	300 [g/m ²]	-	A1 or A2-s1, d0	B-s1, d0	MEKA 6524-1/2022 MEKA 6524-2/2022	MEKA K16/2022

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Nr	Construction	Orientation of boards	Type of wood	Nominal thickness of wood [mm]	Minimal thickness of wood [mm]	Air gap behind the panelling / cladding [mm]	FR agent treatment	Additional coating	Fire class of substrate	Fire class according to: EN 13501-2	Test report	Classification report
1	Cladding	Horizontal, vertical, sloped	Pine	14	-	22	300 [g/m ²]	-	Density at least 300 kg/m ² All	K ₁ 10 K ₂ 10	SP 3P00887	SP 3P03654

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1	Cladding	Horizontal	Scotch larch	21,5	-	-	N/A	-	A1	Class 0	BRE Global 276315 BRE Global 276587	BRE Global 277206

Remarks:

- 1) This assessment relates to the use of Holz Prof fire retardant with wood preservative
- 2) The data shown in the tables is based on assessments of:
 - a) Initial Type Tests
 - b) Relevant test, assessment, and classification reports
 - c) BM Certification A-Mark scheme requirements
 - d) Inspection and surveillance of Factory Production Control