

Appendix A

Certificate No TT-PRS-0111

Issue No: 5 Date: 18.06.2019

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 cladding/ flooring [mm]	FR agent treatment	Additional coating	Fire class of substrate	Fire class according to:			Test report	Classification report
										EN 13501-1	EN 13501-2	The Building Regulations 2000, Fire Safety, Approved Document B		
1	Vertical wall cladding	Vertical	Birch or pine	24	-	-	N/A	-	A1	B-s1, d0	-	-	TM-16/06	EC 2006-1
2	Vertical wall cladding	Horizontal	Spruce	25	-	22	300 [g/m ²]	-	A1	B-s1, d0	-	-	SP P906808/rev 1	SP PX06012
3	Vertical wall cladding	Horizontal or vertical	Scotland larch	22	-	20	300 [g/m ²]	-	B-s1, d0	B-s1, d0	-	-	MEKA 547-2011; MEKA 547-2/2011	MEKA K15/2011
4	Vertical wall cladding	Horizontal or vertical	Western red cedar	22	-	20	300 [g/m ²]	-	B-s1, d0	B-s1, d0	-	-	MEKA 546-1/2011; MEKA 546-2/2011	MEKA K10/2011
5	Vertical wall cladding	Horizontal	Siberian larch	25	-	20	300 [g/m ²]	-	B-s1, d0	B-s1, d0	-	-	MEKA 548-1-2011; MEKA 548-2-2011	MEKA K09/2011
6	Vertical wall cladding	Horizontal	Scotch larch	21,5	-	-	N/A	-	A1	-	-	Class 0	BRE Global 276315; BRE Global 276587	BRE Global 277206
7	Vertical wall cladding	Horizontal or vertical	Oak	27	-	27	300 [g/m ²]	-	B-s1, d0	B-s1, d0	-	-	MEKA 716/1-2012; MEKA 716/2-2012	MEKA K06/2012
8	Horizontal, vertical, sloped cladding	N/A	Pine	14	-	22	300 [g/m ²]	-	K ₁ 10	-	K ₁ 10, K ₂ 10	-	SP 3P00887	SP 3P03654
9	Vertical wall cladding	Horizontal	Pine	14	-	-	300 [g/m ²]	-	A2-s1, d0	B-s1, d0	-	-	MEKA 122-1/2013; MEKA 122-2/2013	MEKA K22/2013
10	Vertical wall 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
11	Vertical wall cladding	Horizontal	Spruce	18	10 ± 1	23	300 [g/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
12	Flooring	N/A	Pine	18 and 50	-	-	300 [g/m ²]	-	Cr-s1	Bn-s1	-	-	MEKA 1456-1/2015; MEKA 1456-2/2015	MEKA K08/2015

13	Vertical wall cladding	Horizontal or vertical	Spruce	21	10	23	270 [ml/m ²]	Acrylic-alkyd resin-based paint for wood Sikkens Cetol WF-771 (manufacturer Akzo Nobel Industrial Coatings Ltd.), consumption 50-70 g/m ²	A1 or A2-s1, d0	B-s1, d0	-	-	MEKA 2320-1/2017; MEKA 2320-2/2017	MEKA K18/2017
14	Vertical wall cladding	Horizontal or vertical	Spruce	21	10	23	270 [ml/m ²]	Waterborne acrylic paint for wood Villa Ultima (manufacturer Viva Color Tikkurila AS), consumption 75-100 g/m ²	A1 or A2-s1, d0	B-s1, d0	-	-	MEKA 2321-1/2017; MEKA 2321-2/2017	MEKA K14/2017
15	Vertical wall cladding	Horizontal or vertical	Spruce	20	10	23	300 [g/m ²]	-	A1 or A2-s1, d0	B-s1, d0	-	-	MEKA 2914-2/2018; MEKA 2914-3/2018	MEKA K18/2018
16	Vertical wall cladding	Vertical	Birch	24	-	24 or no gap	400-500 [g/m ²]	-	A1 or A2-s1, d0	B-s1, d0	-	-	TÜVE TM-06/07; TÜVE 010-18TM	TÜVE TEK-219/18
17	Vertical wall cladding	Horizontal or vertical	Spruce	20	10	40	300 [g/m ²]	-	A1 or A2-s1, d0	B-s1, d0	-	-	APPLUS 18/17572-1474 Part 1	APPLUS 18/17572-1474 Part 2
18	Flooring	N/A	Birch plywood	16	-	-	270 [ml/m ²]	-	A1 or A2-s1, d0	B _n -s1	-	-	MEKA 3618-1/2019; MEKA 3618-2/2019	MEKA K12/2019
19	Flooring	N/A	Wood particleboard	12	-	-	270 [ml/m ²]	-	A1 or A2-s1, d0	B _n -s1	-	-	MEKA 3740-1/2019; MEKA 3740-2/2019	MEKA K21/2019
20	Flooring	N/A	Oriented strand board	12	-	-	270 [ml/m ²]	-	A1 or A2-s1, d0	B _n -s1	-	-	MEKA 3739-1/2019; MEKA 3739-2/2019	MEKA K27/2019
21	Flooring	N/A	Thermally modified pine	28	-	-	270 [ml/m ²]	-	A1 or A2-s1, d0	B _n -s1	-	-	MEKA 3741-1/2019; MEKA 3741-2-2019	MEKA K28/2019

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 TRADA A-Mark scheme requirements
 - d) Inspection and surveillance of Factory Production Control