

Appendix A

Certificate No TT-PRS-0111

Issue No: 6 Date: 02.06.2020

| 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] | - | C _n -s1 | B _n -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 _{fl} -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 _{fl} -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 _{fl} -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 _{fl} -s1 | - | - | MEKA 3741-1/2019; MEKA 3741-2-2019 | MEKA K28/2019 |
| 22 | Panelling and cladding | N/A | Siberian larch | 20 | - | 40 | 270 [ml/m ²] (300 [g/m ²]) | - | A1 or A2-s1, d0 | B-s1, d0 | - | - | LZP01-00728/20/Z00NZP; LZP02-00728/20/Z00NZP | ITB 007//20/Z00NZP/E |

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