

## DECLARATION OF PERFORMANCE

### No EN\_DOP\_ FIBER CEMENT FITTINGS\_B1Y\_01

1. Unique product type ID code: **profiled fiber-cement fittings natural unpainted / painted.**
2. Type, batch or serial number or any other element used to identify building product as requested under part 4 article 11: **E 2200 P\* DDMMMM\*\*NT40/150 B1Y (\* shift, \*\* day, month, year of manufacturing) – for sheets; 2200 CE NT E X\* MMMMDD\*\* (\* shift, \*\* day, month, year of manufacturing) – for fittings.**
3. Manufacturer-provided intended use or uses according to harmonized technical specification applied **EN494:2012: For roofing as well as trimming of internal and external walls.**
4. Name of manufacturer, registered commercial name or registered trademark and contact address as requested under part 4 article 11.

**ETERNIT BALTIC UAB**

**Dalinkevičiaus 2H**

**LT-85118 Naujoji Akmenė**

**Lithuania**

**Factory: 2200**

5. Where applicable, name and contact address of authorized representative, with the powers granted including the tasks given in part 2 article 12: **ETERNIT BALTIC UAB, Dalinkevičiaus 2H, LT-85118 Naujoji Akmenė, Lithuania.**
6. System or systems of building product performance stability assessment and check as it is set forth in appendix V of the Regulation: **System 3.**
7. In the case of performance declaration related with the building product to which harmonized standard is applied: **GTC DBJS, Švitrigailos 18, LT-03223 Vilnius, Lithuania, NB No.1796;**  
**VGTU Thermal Insulation Institute Building materials Laboratory, Linkmenų 28, LT-08217 Vilnius, Lithuania;**  
**R&D center Redeo, Kuiermansstraat 1,1880 Kapelle-op-den-Bos, Belgium;**  
**Conformity of internal production control test results was determined according to standard EN494:2012 in Eternit Baltic UAB quality lab.**
8. Declared performance properties:

Essential characteristics	Performance properties	Harmonized technical specification
Mechanical strength	<b>B1Y</b>	<b>EN494:2012</b>
Impact resistance	<b>Resists</b>	
External flammability	<b>Supposed to meet the requirements</b>	
Combustibility	<b>A2-s1, d0</b>	
Release of dangerous substances	<b>NPD, type NT</b>	
Water impermeability	<b>Pass</b>	
Dimensional tolerances	<b>Pass</b>	
Test with warm water	<b>Pass</b>	
Impregnation and drying cycles test	<b>Pass</b>	
Freezing and defrost cycles test	<b>Pass</b>	
Heat and rain cycles test	<b>Pass</b>	

9. Performance properties of the product specified in items 1 and 2 meet the performance properties declared in item 8. Present declaration of performance properties has been issued under responsibility of manufacturer specified in item 4.

Signed (namufacturer and its representative):

Dated: 29-02-2016 /stamp/ Naujoji Akmenė, Lithuania

Quality manager /signature/ Edgaras Norgela

### TECHNICAL SPECIFICATIONS OF PROFILED FIBER-CEMENT FITTINGS - B1Y

Basic characteristics	Eight-wave profile P8 40/150 class B1Y	Standard/ Regulation
Flammability classification	A2-sl, d0	EN 13501-1
Maximum water absorption	≤ 30 %	Eternit Baltic
Apparent density	≥ 1,40 g/cm <sup>3</sup>	Eternit Baltic
Bending moment	≥ 40 Nm/m	EN 494:2012
Breaking load	≥ 2500 N/m	EN 494:2012
Waterproofing	Waterproof, traces of moisture may show on the lower surface of the corrugated sheet, but in no case water droplets should form.	EN 494:2012
Bend	≤ 21,17 mm	EN 494:2012
Test with warm water	R <sub>L</sub> > 0,7 (after 56 days of soaking in water at temperature 60 °C)	EN 494:2012
Impregnation and drying cycles test	R <sub>L</sub> > 0,7	EN 494:2012
Freezing and defrost cycles test	R <sub>L</sub> > 0,7 (after 100 cycles of freezing and defrost)	EN 494:2012
Heat and rain cycles test	After 50 cycles of heat and rain there are no visible cracks or other damages.	EN 494:2012
Release of dangerous substances	NDP, type NT	EN 494:2012
Impact resistance	Resists	LST EN 15057:2006
Sheet length (mm)	1250 mm, 1750 mm, 2500 <sup>2</sup> mm ± 10	EN 494:2012
Sheet width (mm)	1130 mm +10/-5	EN 494:2012
Wave width (mm)	150 mm ± 2,0	EN 494:2012
Wave height (mm)	40 mm ± 2,0	EN 494:2012
Thickness (mm)	6,0 mm ± 0,6	EN 494:2012
Sheet rectangularity (mm)	≤ 0,6	EN 494:2012
Edge height <sup>1</sup> h <sub>od</sub> (mm)	not applicable	Eternit Baltic
Edge height <sup>1</sup> h <sub>om</sub> (mm)	not applicable	Eternit Baltic
Corners (mm)	-	Eternit Baltic

<sup>1</sup> According to standard EN494:2012 this tolerance is applicable only for the sheets which have raising edge on one side and descending edge on the other side.

<sup>2</sup> Sheets 2500 x 1130 are produced with reinforcing strip (fig. 1).

Names of the sheets:

1250x1130

1750x1130

2500x1130



Fig. 1 – Position of reinforcing strip in the sheet