

DECLARATION OF PERFORMANCE

No EN_DOP_CB40_B1Y_01

1. Unique production type ID code: **profiled fiber-cement sheets and fittings NT CB40 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	B1Y	EN494:2012
Impact resistance	Resists	
External flammability	Supposed to meet the requirements	
Combustibility	A2-s1, d0	
Release of dangerous substances	NPD, type NT	
Water impermeability	Pass	
Dimensional tolerances	Pass	
Test with warm water	Pass	
Impregnation and drying cycles test	Pass	
Freezing and defrost cycles test	Pass	
Heat and rain cycles test	Pass	

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 (manufacturer and its representative):

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

Quality manager /signature/ Edgaras Norgela

**TECHNICAL SPECIFICATIONS OF
PROFILED FIBER-CEMENT SHEETS CB40(P8) - 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 ³	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 _L > 0,7 (after 56 days of soaking in water at temperature 60 °C)	EN 494:2012
Impregnation and drying cycles test	R _L > 0,7	EN 494:2012
Freezing and defrost cycles test	R _L > 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 ² 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 ¹ h _{od} (mm)	not applicable	Eternit Baltic
Edge height ¹ h _{om} (mm)	not applicable	Eternit Baltic
Corners (mm)	-	Eternit Baltic

¹ 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.

² 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