



DECLARATION OF PERFORMANCE
no. B-1/2013

1. Unique product type identification code:

Bratex self-supporting steel sheet
Bratex self-supporting aluminium sheet

2. The number of the type, batch or series, or any other element making it possible to identify a construction product, required pursuant to Art. 11, Item 4:

Type number: Bratex troughed sheet T8 / T14 / T18 / T35
Bratex roofing sheet ERA / HERA / HESTIA
Bratex locking standing seam panel / S
Batch number: see on the product label "Production order number" and "Order number"

3. Designed by the manufacturer intended use or uses of the construction product in accordance with the harmonised technical specification:

The products can be used in construction as self-supporting metal sheet for roofing, external and internal cladding.

4. The name, registered trade name or registered trademark and the manufacturer's contact address, in accordance with Art. 11, Item 5:

Bratex Dachy sp. z o.o. s.k. , PL 39-200 Dębica, Drogowców 7

5. In appropriate cases the name and contact address of an authorised representative, whose power of attorney covers the tasks mentioned in Art. 12, Item 2:

N/A

6. The system or systems of evaluation and verification of the permanence of the utility properties of the construction product specified in Appendix V:

System 4

7. Regarding the declaration of performance pertaining to the product covered by the harmonised standard:

Building Research Institute Warsaw (EU notified body, reg. no. 1488) conducted a report on tests performed by the Building Research Institute Warsaw (NO-2/801/P/2006) and issued a test report.

8. Regarding the declaration of performance pertaining to the construction product for which there has been issued a European technical evaluation:

N/A

9. Declared performance

Comments for the table:

1. Column 1 contains a list of basic characteristics specified in the harmonised technical specifications for the intended use or intended uses indicated in Pt. 3 above.

2. For each of the basic characteristics listed in Column 1 or according to the requirements in Art. 1, Column 2 contains the declared performance expressed as the level or class, or in a descriptive manner, related to their respective basic characteristics. It contains the letters "NPD" (No Performance Determined), if the performance has not been declared.

3. For each basic characteristic, listed in Column 1, Column 3 contains:

a) a dated reference to an appropriate harmonised standard and, in appropriate cases, the reference number of the special or appropriate documentation technical documentation used;

or

b) a dated reference to an appropriate European evaluation document, whenever it is available, and the reference number of the European technical evaluation used.



Basic characteristics	Performance	Harmonised technical specification
Mechanical strength – resistance to concentrated force	The product is intended for use with support span equal to 400 mm or less. Forces from the applied load are transferred onto the support structure.	PN-EN 14782:2008
Water resistance	Products without perforations (as damage) are water resistant.	PN-EN 14782:2008
Water vapour and air permeability	Products without perforations (as damage) are water vapour and air impermeable.	PN-EN 14782:2008
Dimensions change	Thermal expansion causes the product to change its dimensions and should be taken into consideration where it could affect the product's performance. Therefore, a thermal expansion coefficient of 12×10^{-6} K ⁻¹ should be used for steel, and for aluminium 24×10^{-6} K ⁻¹ .	PN-EN 14782:2008
Effect of external fire	Class F(ROOF)	PN-EN 14782:2008
Reaction to fire	Class F	PN-EN 14782:2008
Durability: - material	- steel sheet DX51D with the thickness of 0.5 mm + aluminium-zinc-silicon alloy coat in the proportions of 55%-43.40%-1.6%, respectively, and weight 185g/m ² or - steel sheet DX51D / SUB250 / SUB280 with the thickness of 0.5 mm + zinc coat with the weight of 275g/m ² or - aluminium-manganese-magnesium alloy sheet with the thickness of 0.6 mm type 3105 and hardness H45/H46 in proportions, respectively: 98.3%-0.9%-0.8%	PN-EN 14782:2008 > PN-EN 508-1:2010 PN-EN 14782:2008 > PN-EN 508-1:2010 PN-EN 14782:2008 > PN-EN 508-2:2010
- paint coating type and thickness	SP thickness 25µm / SP thickness 26µm / SP thickness 35µm / HDP thickness 50µm and AY thickness 10µm / AY thickness 12µm.	PN-EN 14782:2008
- corrosivity category	The products can be used in structures located in areas with the environmental corrosion category C1, C2, C3.	PN-EN 14782:2008 > PN-EN ISO 12944-2:2001

If, based on Art. 37 or 38, special technical documentation has been used, the requirements with which it complies:
N/A

10. The product performance specified in Pt. 1 and 2 is compatible with the performance declared in Pt. 2.
This declaration of performance is being issued for the sole account of the manufacturer specified in Pt. 4.

On the manufacturer's behalf signed by:

Maciej Mrzygłód, M.A.
Director General

.....
(name and position)

DEBICA, 1-7-2013

.....
(place and date of signing) (signature)