

**DECLARATION OF PERFORMANCE
14TG/TRB-84/39/13**

1. Unique identification code of the product type:

TRB-84/1090

2. Number of type, batch or lot or any other element to identify the construction product required according to art.11 law 4:

See the technical specification of the product.

3. Provided by the manufacturer intended use or uses of a construction product in accordance with applicable harmonized technical specification

Self-supporting profiled sheets applied in building industry to make roof covers and wall cladding of the buildings

4. Name, registered trade mark or registered trade name and contact address details required according to art.11 law 5:

BUDMAT
Bogdan Więcek, Otolińska 25
09-407 Płock

5. System or systems of assessment and verification of constancy of construction product functional properties determined in annex V:

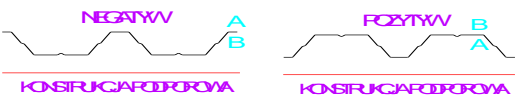
Assessment system 3 and 4

6. In case of declaration of functional properties concerning construction product covered by harmonized standard:

Polish Standard PN-EN 14782:2008 - Self supporting metal sheets for roofs, outdoor and indoor cladding. Characteristics and requirements of the product.

Usage and range of construction product usage: in buildings located in the areas of the following corrosion categories (according to: PN EN ISO 12944-2:2001):

- sheets with zinc coating (Z 100) of 100g/m² applicable inside the buildings in the areas of corrosion category C1
- sheets with zinc coating of 100g/m² and covered with polyester organic coatings of thicknesses 12, 15, 18µm applicable inside the buildings in the areas of corrosion category C1, C2
- sheets with zinc coating of 200g/m² or aluminium-zinc alloy (AZ 150) of 150g/m² - applicable inside the buildings in the areas of corrosion category C1, C2
- sheets with zinc coating of 200g/m² and covered with polyester organic coatings up to thickness SP25µm - applicable inside the buildings in the areas of corrosion category C1, C2
- sheets with zinc coating of 275g/m² or aluminium-zinc alloy (AZ 150) of 150g/m² covered with polyester organic coatings of thicknesses 12, 15, 18µm - in the areas of corrosion category C1, C2 – for elevation
- sheets with zinc coating of 200g/m² and polyester organic coatings of thickness 25µm or higher - in the areas of corrosion category C1, C2, C3 for elevation
- sheets with zinc coating of 275g/m² or aluminium-zinc alloy (AZ 150) of 150g/m² covered with polyester organic coatings of thicknesses 25µm, 30µm or SP NOVA 50 or PVDF (25µm) - in the areas of corrosion category C1, C2, C3
- sheets with coating Z 350 or AZ 185g/m² – applicable outdoor in the areas of corrosion category C1, C2, C3
- perforated sheets protected with zinc coating of min.275g/m² and polyester organic coating of thickness min.12µm – applicable indoor, category C1, C2

		Technical characteristics		Declared value						
1		Fire resistance		class B ROOF (t1), class B ROOF(t2), class B ROOF (t3)						
2		Reaction to fire		Coating thickness ≤25µm	Coating thickness >25µm Coating thickness ≤55µm			Sheets covered with DRIPSTOP		
				A1	A2-s2,d0			A2-s2, d0		
3		Concentrated force resistance 1,2 KN support spacing L [mm]								
	Product name	Steel type		Steel thickness [mm]						Location
				0,70	0,75	0,88	1,00	1,25	1,50	
1	TRB-84	S280	L	9000	9642	11314	12857	16071	16071	negative
2		S280	L	9500	10178	11942	11942	16964	16964	positive
3		S320	L	10285	11019	12930	14693	18366	18366	negative
4		S320	L	10857	11631	13647	15509	18366	18366	positive
5	TRB-84P*	S280	L	5900	6390	7500	8522	10653	12700	positive
6		S320	L	6740	7300	8571	9739	12174	14500	positive

* - perforated sheets

Building Research Institute:

Department of Durability and Protection of Building carried out researches of products corrosion resistance and issued an opinion NO-2/819/A/2008 and Report No LM00-0785/11/Z00NM – assessment system 4

Fire Research Department carried out researches of painted coatings fire resistance and issued an opinion NP-1259.2.1/07/AK; NP-1259.2.2/07/AK; NP-1259.2.3/07/AK, NP-1259.2.3/2007/AK – assessment system 3

Building Structures Laboratory carried out researches of concentrated load and issued a report – LK-0691/P/09 - assessment system 3

Water resistance, permeability of water, air and vapor – Products that don't have perforations (as damages) are waterproof and impermeable to steam and air.

Change of dimensions – thermal expansion should be taken into account where such change may affect the use of product, correspondent steel thermal expansion coefficient $12 \times 10^{-6} \text{ K}^{-1}$ should be taken into account.

Dimension tolerances for roof products are described in standard PN-EN 508-1

7. Product functional properties defined in paragraph 3 are consistent with those declared in paragraph 6

This declaration of performance is issued under the sole responsibility of the manufacturer. On behalf of manufacturer signed:

On behalf of manufacturer signed
Production Director Mieczysław Kijek
(name and position)

Płock 01.07.2013



BUDMAT
..... Mieczysław Kijek
Podpis osoby upoważnionej



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