

**DECLARATION OF PERFORMANCE**  
**14TG/BL-S /1/ 13**

- 1. Unique identification code of the product type:**  
SARA Steel Roof Sheet
- 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 of 275g/m<sup>2</sup> or aluminium-zinc alloy (AZ 150) of 150g/m<sup>2</sup> covered with polyester organic coatings of thicknesses 25µm, 30µm or SP NOVA 50 or HDX 55 µm, PVDF (25µm) - in the areas of corrosion category C1, C2, C3

- sheets with coating Z 350 or AZ 185g/m<sup>2</sup> – applicable outdoor in the areas of corrosion category C1, C2, C3

Lp.	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
		A1	A2-s2,d0



**Concentrated load resistance 1,2KN**

Type of profiling sheet	Thickness [mm]	Span [mm]
Steel roofing sheet ARIA	0,50	350 – 400

**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  $12 \times 10^{-6} \text{ K}^{-1}$

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

**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  $12 \times 10^{-6} \text{ K}^{-1}$

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



.....Mieczysław Kijek.....  
Podpis osoby upoważnionej



**DECLARATION OF PERFORMANCE**  
**14TG/BL-S /1/ 13**

- 1. Unique identification code of the product type:**  
SARA Steel Roof Sheet
- 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 of 275g/m<sup>2</sup> or aluminium-zinc alloy (AZ 150) of 150g/m<sup>2</sup> covered with polyester organic coatings of thicknesses 25µm, 30µm or SP NOVA 50 or HDX 55 µm, PVDF (25µm) - in the areas of corrosion category C1, C2, C3

- sheets with coating Z 350 or AZ 185g/m<sup>2</sup> – applicable outdoor in the areas of corrosion category C1, C2, C3

Lp.	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
		A1	A2-s2,d0

## Concentrated load resistance 1,2KN

Type of profiling sheet	Thickness [mm]	Span [mm]
Steel roofing sheet ARIA	0,50	350 – 400

**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  $12 \times 10^{-6} \text{ K}^{-1}$

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

**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  $12 \times 10^{-6} \text{ K}^{-1}$

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