



National declaration of performance (DoP)

(No. 01/03/HM/17)

Gutter Brackets

1. Name and trading name of the manufactured product:

Gutter Brackets for rainwater systems

2. Determination of the product type:

Rafter and fascia gutter brackets for metal rainwater systems with diameter of 105 (250) mm, 127 (280) mm, 153 (333) mm, 192 (400) mm

3. Intended use:

To mount gutters which collect rainwater from the roof of a building and diverts it away from the structure

4. Name and address of the manufacturer and address of the production site:

ZPHU „Hak-Mar” Andrzej Nocoń, Konopnickiej 4, 42-450 Łazy, Poland

Production site: Pocztowa 40, 42-450 Łazy, Poland

5. Name and address of the registered representative, if authorized:

Not applicable

6. National Assessment and Verification of Constancy of Performance (AVCP):

System 4

7. National Technical Specification:

7a. Polish product standard:

PN-EN 1462:2006 „Uchwyty do rynien dachowych. Wymagania i badania”

- **Name of accredited certification body, accreditation number and number of national certificate or name of accredited laboratory/laboratories and accreditation number:**

Not applicable

7b. National Technical Assessment:

Not applicable

Technical Assessment Unit/National Technical Assessment Unit:

Not applicable

Name of accredited certification body, accreditation number and number of certificate:

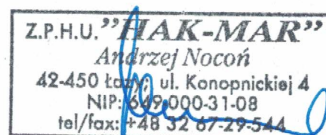
Not applicable

8. Declared performance properties:

Essential characteristics of the construction product	Declared performance properties	Additional comments
<i>Size</i>	<i>105 mm, 127 mm, 153 mm, 192 mm</i>	
<i>Material</i>	<i>Flat bar: dimensions 30x4 mm, 30x5 mm</i>	<i>hot-rolled flat bar made of low-carbon steel S235JR</i>
<i>Thickness of the galvanized coat</i>	<i>20 – 25 μm</i>	<i>electrolytic zinc</i>
<i>Thickness of the paint coat</i>	<i>60 – 80 μm</i>	<i>thermally cured powder polyester paint</i>
<i>Load-bearing capacity</i>	<i>Load-bearing capacity index- H</i>	<i>Complying with load-bearing test PN-EN 1462 appendix B</i>
<i>Corrosion resistance</i>	<i>Corrosion resistance index - A</i>	<i>Complying with standard PN-EN 1462 appendix A</i>

9. Properties of the above product are in compliance with all the declared properties mention in point 8. This National Declaration of Performance is issued in accordance with the Act of 16 April 2004 on construction products, under the sole responsibility of the manufacturer.

On behalf of the manufacturer signed by:



Andrzej Nocoń - Company owner

