National declaration of performance (DoP)

(No. 01/OM/17)

Down pipe Clamping Rings

1. **Name and trading name of the manufactured product:**

   Down pipe Clamping Rings for rainwater systems

2. **Determination of the product type:**

   Down pipe Clamping Rings for rainwater systems with diameter of 50mm, 63mm, 75mm, 80mm, 87mm, 90mm, 100mm, 105mm, 110mm, 120mm, 150mm

3. **Intended use:**

   To mount down pipes which diverts rainwater from the gutter into the drainage

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 12200-1:2016-05 „Systemy przewodów rurowych z tworzyw sztucznych do wody deszczowej do zewnętrznego zastosowania ponad ziemią. Część 1: Wymagania dotyczące rur, kształtek i systemu"*
- *PN-EN 12095:2001 „Systemy przewodowe z tworzyw sztucznych. Uchwyty do systemów przewodowych stosowanych do odprowadzania wody deszczowej. Metoda badania wytrzymałości uchwytu"*
- *PN-EN 1462:2006 „Uchwyty do rynien dachowych. Wymagania i badania"*

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

Not applicable

7b. National Technical Assessment:

Not applicable

Technical Assessment Unit / National Technical Assessment Unit:

Not applicable

8. Declared performance properties:

Essential characteristics of the construction product	Declared performance properties	Additional commects
Sizes of the downpipe holders	*50mm, 63mm, 75mm, 80mm, 87mm, 90mm, 100mm, 105mm, 110mm, 120mm, 150mm*	
Material	*- tape with dimensions of 25x1,5mm (50, 63, 75, 80, 87, 90, 100, 105, 110, 120mm)* *- tape with dimensions of 30x1,5 mm (87, 100, 120, 150mm)*	*cold-rolled black tape made of low carbon steel DC01 for cold forming*
Thickness of the galvanized coat	*20 – 25 µm*	*electrolytic zinc*
Thickness of the paint coat	*60 – 80 µm*	*thermally cured powder polyester paint*
Mechanical properties	*Permanent deformation < 3mm*	*Complying with load-bearing test PN-EN 12200-1 tabl. 9, testing method PN-EN 12095*

Corrosion resisance	*Corrosion ressistance index - A*	*Complying with PN-EN 1462 appendix A*

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:

Z.P.H.U. "HAK-MAR"
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Andrzej Nocoń - Company owner