DECLARATION OF PERFORMANCE

n. **DOPGLO-003**

1. Unique identification code of the product-type:

   EN 442-2 (Annex G – Picture G2 – Radiator elements in die cast aluminum)

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to article 11, paragraph 4:

   Radiator VIP 800 – VIP 700 – VIP 600 – VIP 500 – VIP 350, batch number: SEE PACKAGE.

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

   Metallic radiators for heating installed in a permanent manner in construction works, fed with water or steam at temperatures below 120°C, supplied by a remote heat source .

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to article 11, paragraph 5:

   GLOBAL di Fardelli Ottorino & C. s.r.l., via Rondinera nr 51, 24060 ROGNO (BG) Italy

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in article 12, paragraph 2:

   nothing to fill in

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

   System 3

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

   POLITECNICO DI MILANO – DIPARTIMENTO DI ENERGETICA - Laboratorio Misure Ricerche Termotecniche M.R.T. - Notified body number 1695

   carried out the verification of compliance in:

   Dimensional Sizes, Thermal power, Tightness and resistance to pressure , Charge's loss

   under

   System 3

   And issued

   Tests report n.

   - **ENE/MRT.RAP.97078**
   - **ENE/MRT.RAP.97079**
   - **ENE/MRT.RAP.97080**
   - **ENE/MRT.RES.99004**

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

   nothing to fill in

9. Declared performance

Characteristic (see Note 1)	*Performance (see Note 2)*					*Harmonized technical specification (see note 3)*
Reaction to fire	**A1**					**EN 442-1**
Release of dangerous substances	**n.a.**					**EN 442-1**
Pressure tightness	**900 kPa**					**EN 442-1**
Surface temperature	**Maximum 120°C**					**EN 442-1**
Resistance to pressure	**1200 kPa**					**EN 442-1**
Rated thermal outputs	**VIP 800**	**VIP 700**	**VIP 600**	**VIP 500**	**VIP 350**	**EN 442-1**
	$\Phi_{\Delta t\,30}$ = 91 W	**$\Phi_{\Delta t\,30}$ = 82 W**	**$\Phi_{\Delta t\,30}$ = 72 W**	**$\Phi_{\Delta t\,30}$ = 63 W**	**$\Phi_{\Delta t\,30}$ = 48 W**	
	$\Phi_{\Delta t50}$ = 180 W	**$\Phi_{\Delta t50}$ = 161 W**	**$\Phi_{\Delta t50}$ = 142 W**	**$\Phi_{\Delta t50}$ = 123 W**	**$\Phi_{\Delta t50}$ = 94 W**	
Thermal output in different operating conditions (characteristic curve)	**$\Phi = Km \times \Delta t^n$**					**EN 442-1**
	Km=1,01441	**Km=0,91188**	**Km=0,80797**	**Km=0,70243**	**Km=0,54042**	
	n=1,32365	**n=1,32283**	**n=1,32201**	**n=1,32118**	**n=1,31996**	

Notes to the table:

1. Column 1 shall contain the list of essential characteristics as determined in the harmonised technical specifications for the intended use or uses indicated in point 3 above;

2. For each essential characteristic listed in column 1 and in compliance with the requirements of Article 6, column 2 shall contain the declared performance, expressed by level or class, or in a description, related to the corresponding essential characteristics. The letters «NPD» (No Performance Determined) shall be indicated where no performance is declared ;

3. For each essential characteristic listed in column 1, column 3 shall contain:

a) dated reference of the corresponding harmonised standard and, where relevant, the reference number of the Specific or Appropriate Technical Documentation used:

or

b) dated reference of the corresponding European Assessment Document where available and reference number of the European Technical Assessment used.

Where pursuant to Article 37 or 38 the Specific Technical Documentation has been used, the requirements with which the product complies:

nothing to fill in

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9 . This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4

Signed for and on behalf of the manufacturer by:

GIUSEPPE DELASA – Global srl
CHIEF EXECUTIVE OFFICER

ROGNO, 15/06/2013

