



## Declaration of performance no RGP000-DWU-165

1. Unique identification code of the product-type: **CRYSTAL**
2. Type, batch or serial number: **CRYSTAL**  
See label of the product.
3. Article purpose: **For heating of interiors, for water central heating in closed systems without corrosive agents**
4. Name, registered trade name or registered trade mark and contact address of the manufacturer: **Terma Sp. z o.o.  
Czaple 100  
PL 80-298 Gdańsk  
Poland  
www.termagroup.pl**
5. Name and contact address of the authorised representative: **N/A**
6. System or systems of assessment and verification of constancy of performance of the construction product: **System 3**
7. In case of the declaration of performance concerning a construction product covered by a harmonised standard: **Instytut Energetyki, Oddział Techniki Grzewczej i Sanitarnej, Radom/Poland  
Determination of the product-type on the basis of type testing based on sampling carried out by the manufacturer.  
Report nr 1452/CPR/256.2/16  
  
Raport of corrosion examination no. 5097/C/1/98 (PN-EN 442-1:2015-02;p. 5.9)  
  
EN\_11210661-01 paint data sheet (PN-EN 442-1:2015-02; p. 4.4)**
8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued: **N/A**
9. **Declared performance:**

Essential characteristics	Performance	Harmonised technical specification
Height A	A±2 mm; A: see Table 1	PN-EN 442-2:2015-02
Width B	B±2 mm; B: see Table 1	PN-EN 442-2:2015-02
Connection	G ½"	PN-EN ISO 228-2:2005
Resistance to separation of coating from substrate	[0]	PN-EN ISO 2409:2008
Max operating pressure	1000 kPa	PN-EN 442-1:2015-02
Pressure tightness	1300 kPa	PN-EN 442-1:2015-02
Resistance to pressure	1690 kPa	PN-EN 442-1:2015-02
Max operating temperature	95 °C	PN-EN 442-1:2015-02
Surface condition	Radiator doesn't have any sharp edges.	PN-EN 442-1:2015-02
Reaction to Fire	Class A1	PN-EN 442-1:2015-02

Durability Test- Humidity	Pass	PN-EN 442-1:2015-02
Release of dangerous substances	Pass	PN-EN 442-1:2015-02
Rated thermal output at 75/65/20	See Table 1	PN-EN 442-2:2015-02
Thermal output at different conditions	$\dot{Q} = K * \Delta T^n$ ; K, n see Table 1	PN-EN 442-2:2015-02

Table 1

Name	Colour	Height A	Width B	Output 75/65/20	BTU 75/65/20	K <sub>M</sub>	n
CRYSTAL 480/400	PAINT	480	400	135	461	1,2770	1,1913
CRYSTAL 480/500	PAINT	480	500	158	539	1,4951	1,1913
CRYSTAL 480/600	PAINT	480	600	181	618	1,7128	1,1913
CRYSTAL 840/400	PAINT	840	400	236	805	2,1414	1,2020
CRYSTAL 840/500	PAINT	840	500	276	942	2,5073	1,2019
CRYSTAL 840/600	PAINT	840	600	316	1078	2,8690	1,2019
CRYSTAL 1200/400	PAINT	1200	400	342	1167	3,0578	1,2056
CRYSTAL 1200/500	PAINT	1200	500	400	1365	3,5800	1,2056
CRYSTAL 1200/600	PAINT	1200	600	458	1563	4,1000	1,2055
CRYSTAL 1560/400	PAINT	1560	400	445	1518	3,7750	1,2192
CRYSTAL 1560/500	PAINT	1560	500	521	1778	4,4179	1,2192
CRYSTAL 1560/600	PAINT	1560	600	595	2030	5,0520	1,2190
CRYSTAL 1920/400	PAINT	1920	400	548	1870	4,6350	1,2200
CRYSTAL 1920/500	PAINT	1920	500	641	2187	5,4216	1,2200
CRYSTAL 1920/600	PAINT	1920	600	732	2498	6,1910	1,2200

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.

Czaple, 2016-06-29

Alina Zdybel  
Menedżer Produktu  
Zarządzanie Produktem – Produkty Profilowe

