

Declaration of performance

Number 820331801

1. Unique identification code of the product-type:

EN 442-2:2014 Annex G, picture G3

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):

1001 0030 615W

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

metallic radiators and convectors installed in a permanent manner in construction works, fed with water or steam at temperatures below °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 Article 11(5):

Zehnder Group Boleslawiec Sp. z o.o.

ul. Modlowa 5

PL- 59-700 Boleslawiec

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

None

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. The declaration of performance concerning a construction product covered by a harmonised standard (system 3) :

WSPLab, Kapuzinerweg 7, DE-70374 Stuttgart

has assessed and evaluated the product under system 3 and issued the following report:

1428-CPR-11.50.ZEP.045

(description of the third party tasks as set out in Annex V)

(certificate of constancy of performance, certificate of conformity of the factory production control, test/calculation reports – as relevant)

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

Not relevant

(name and identification number of the Technical Assessment Body, if relevant)

Issued: Not relevant

(reference number of the European Assessment Document)

on the basis of: Not relevant,

(reference number of the European Technical Assessment)

performed Not relevant under system Not relevant

(description of the third party tasks as set out in Annex V)

and issued: Not relevant

(certificate of constancy of performance, certificate of conformity of the factory production control, test/calculation reports – as relevant)

9. Declared performance

Harmonized technical specification according to EN 442-1:2014

| Essential characteristics   | Performance                               |
|---|---|
| Reaction to fire  | A1  |
| Release of dangerous substances   | None                                      |
| Maximal operating pressure (MOP)  | kPa                                       |
| Pressure tightness  | no leakage at 1,30 x MOP                  |
| Resistance to pressure  | no breakage at 1,69 x MOP                 |
| Surface temperature maximum   | °C  |
| Rated thermal outputs   | 1:φ30 = W   2:φ50 = W                     |
| Thermal output in different operating conditions (characteristic curve) | $\varphi = 4.93 \times \Delta T_t^{1.23}$ |
| Resistance against corrosion  | no corrosion after 100 h humidity         |
| Resistance against minor impact   | Class 0                                   |

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.

Zehnder Group Bolesławiec Sp. z o.o.



Piotr Kościsz

General Manager

Bolesławiec, 06.09.2018