Declaration of performance

1. Unique identification code of the product-type:

EN 442-2:2014 Annex G

- Figure G.3: **Acova Cala**

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

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 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 Article 11(5):

Zehnder Group Bolesławiec Sp. z o.o.
ul. Modłowa 5
59-700 Bolesławiec
Poland

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. In case of the declaration of performance concerning a construction product under system 3 covered by a harmonised standard:

HLK Heizung Luftung Klimatechnik, 70569 Stuttgart [1)]

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

A07 C1.671.8155 [1)]

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

Not 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)	1200 kPa [1)]
Pressure tightness: - Resistance to pressure at 1,30 x MOP: - Resistance to pressure at 1,69 x MOP	 no leakage no breakage
Surface temperature maximum	120 °C
Resistance to pressure	Pass (2028 kPa) [1)]
Rated thermal outputs	φ30 = 428 W [1)]
	φ50 = 802 W [1)]
Thermal output in different operating conditions (characteristic curve)	$\varphi = 6{,}52 \times \Delta Tt^{1{,}23}$ [1)]
Durability as: - Resistance against corrosion: - Resistance against minor impact:	 no corrosion after 100 h humidity 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.

Remark [1)]: These are example values. The actual values of all products covered by this declaration can be found on the product packaging labels, in technical documentations and in digital medias.

Bolesławiec, 29.09.2017

DYREKTOR
Piotr Kościsz