Declaration of performance according to Construction Product Regulation (EU 305/2011)

1. Unique identification code of the product-type:

Multicolumn radiator

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

in heating systems in buildings

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant Article 11(5):

Zehnder GmbH
Almweg 34
DE-77911 Lahr

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

None

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

System 3

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

WSPLab, Kapuzinerweg 7, DE-70374 Stuttgart (N.B. 1428)

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

07.50.ZEH.053 [1)]

(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)

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

Not relevant

7. Declared performance

Harmonized technical specification according to EN 442-1:2014

Essential characteristics	Performance *(**Example 3060-22**)*
Reaction to fire	A1
Release of dangerous substances	None
Maximal operating pressure (MOP)	1000 kPa [2)]
Pressure tightness	no leakage at 1,30 x MOP
Resistance to pressure	no breakage at 1,69 x MOP
Surface temperature	maximum 110 °C [3)]
Rated thermal output	Φ30 = 701 W [4)]
Rated thermal output	Φ50 = 1340 W [5)]
Thermal output in different operating conditions (characteristic curve)	$\Phi = 0{,}43 \times \Delta T^{1{,}27}$ [6)]
Resistance against corrosion	no corrosion after 100 h humidity test
Resistance against minor impact	Class 0

8. The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Remarks 1) to 6): These are example values. The actual values of all products covered by this declaration can be found on the product packaging labels, in technical documentation and in digital media.

Signed for and on behalf of the manufacturer by:

Lahr, 30.08.2021

Zehnder GmbH

Clemens Ganter

General Manager

Version 03-2018