

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

Number **ACOVA MADRAS 1031-0025**

1. Unique identification code of the product-type:

1031-0025

1031-0025-9007

1031-0025-9005

1031-0025-0346

1031-0025-0847

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 Group Bolesławiec Sp. z o.o.

ul. Modłowa 5

59-700 Bolesławiec

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:

CETIAT, BP 2042 - 69603 Villeurbanne Cedex – FR

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

CETIAT_2009-014

(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 |
|-------------------------------------------------------------------------|----------------------------------------|
| Reaction to fire | A1 |
| Release of dangerous substances | None |
| Maximal operating pressure (MOP) | 600 kPa |
| Pressure tightness | no leakage at 1,30 x MOP |
| Resistance to pressure | no breakage at 1,69 x MOP |
| Surface temperature | maximum 95 °C |
| Rated thermal output | Φ30 = 333 W |
| Rated thermal output | Φ50 = 625 W |
| Thermal output in different operating conditions (characteristic curve) | $\Phi = 5,08 \times \Delta T^{1,23}$ |
| 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.

Signed for and on behalf of the manufacturer by:

DYREKTOR

 Piotr Kościsz

Bolesławiec, 26.01.2021