

DECLARATION OF PERFORMANCE Nr. KER-131204-02

BauPVO 305/2011

1. Unique identification code of the product-type (EN 442-2 Annex G):

G.6 – Steel Panel Radiators

- *Therm-X2 Profil -K / -V / -Vplus (Typ 10, 11, 12, 20, 22, 30, 33)*
- *Therm-X2 Plan -K / -V / -Vplus (Typ 10, 11, 12, 20, 22, 30, 33)*
- *Therm-X2 Line -K / -V / -Vplus (Typ 10, 11, 12, 20, 22, 30, 33)*
- *Verteo Profil (Typ 10, 20, 21, 22)*
- *Verteo Plan (Typ 10, 20, 21, 22)*
- *Verteo Line (Typ 10, 20, 21, 22)*

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

All information for identification is on the product label.

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

A radiator made of metal, permanently installed in a building, filled with water at a temperature below 110 °C, where the water is heated via an external heat source

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

KERMI GmbH, Pankofen-Bahnhof 1, 94447 Plattling, Germany

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

not applicable

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 covered by a harmonized standard:

The notified body WSP Lab with the ID number 1428 and HLK with the ID number 1623 has performed the assessment and evaluation of the product in accordance with System 3 and issued the Certificate of Conformity

8. Not applicable

not applicable

9. Declared performance

Essential characteristics	Performance	Harmonized technical specification
Reaction to fire	A 1	EN 442-1:2014
Release of dangerous substances	None	
Pressure tightness	no leakage at 1,3 x maximum operating pressure [kPa]	
Surface temperature	110 °C 90 °C (Vplus)	
Resistance to pressure	maximum 10 bar, no breakage at 1,69 x maximum operating pressure	
Rated thermal outputs	Φ30= 71 up to 4.814 W Φ50= 134 up to 9.459 W	
Thermal output in different operating conditions (<i>characteristic curve</i>)	$\phi = K_T \cdot H^{p+1} \cdot \Delta T^{(c0+c1H)}$	
Durability as:		
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. Signed for and on behalf of the manufacturer by:

Plattling, 15.10.2015



i.V. Dominik Lampert
head of R&D and product management



i.V. Hans-Jürgen Heigl
senior product manager