DECLARATION OF PERFORMANCE

No. CPR-20-IC-107

1. **Unique identification code of the product-type:**

   - 1005480 - Uponor Tecto Expansion element 30-2

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

   Thermal insulation for buildings

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

   Uponor GmbH, Industriestraße 56 D-97437 Hassfurt, Germany

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

   N/A

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. **In case of the declaration of performance concerning a construction product covered by harmonized standard EN 13163:2013-05 for which:**

   - Güteschutzgemeinschaft Hartschaum e. V. (GSH), Schildenstraße 24, D-29221 Celle, Germany– Notification no. 0919

   - Forschungsinstitut für Wärmeschutz e.V. München (FIW), Lochhamer Schlag 4, D-82166 Gräfelfing Germany- Accreditation D-PL-14116-01-00

Performed initial tests type in system: 3 and issued Test reports:

- GSH 08 15 369-1,
- Z-23.15-1446

7. Declared performance

Essential characteristics	Performance	Remarks if relevant	Harmonised technical specification
Thermal resistance/ conductivity	0,038 W/mK	EN 13163 declared value	EN 13163
	O,040 W/mK	DIN 4108-10 design value	
	R_D 0,75 m^2K/W		
Dimesional tolarances	±3mm	L(3)	
	±3mm	W(3)	
	±3mm	T(0)	
	±5mm	S(5)	
	10mm	P(10)	
Bending Stress	BS 50	≥50 kPA	
Dimensional Stability	DS(N)5	± 0,5%	
Stiffness group	SD 20	≤ 20 MN/m^3	
Compressibility	CP2	≤ 2 mm	
Reaction to fire	E	EN 13501	

8. Appropiate Technical Documentation and/or Specific Technical Documentation

N/A

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 7.
This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.

Signed for and on behalf of the manufacturer by:

i.V. Markus Friedrichs

Head of Product Management

Uponor GmbH

Hassfurt, 06.06.2014

i.V. Ralf-Ulrich Nylkiel

Head of Supplier Quality Assurance

Uponor GmbH

Ochtrup, 06.06.2014