DECLARATION OF PERFORMANCE

No. CPR-20-IC-203

1. **Unique identification code of the product-type:**
   - 1000001- Uponor Tacker panel roll 25-2
   - 1000002- Uponor Tacker panel roll 30-2
   - 1000007- Uponor Tacker panel 25-2
   - 1000008- Uponor Tacker panel 30-2
   - 1007235- Uponor Tacker panel 20-2
   - 1022947- Uponor Tacker panel roll 20-2
   - 1063295- Uponor Tacker panel roll Extra 25-2
   - 1063292- Uponor Tacker panel roll Extra 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:**

   - MPA Bau Hannover – Notification n. 0764
   - Centralny Ośrodek Badawczo – Rozwojowy Przemysłu Izolacji Budowlanej, Accreditation – AB 008
   - Güteschutzgemeinschaft Hartschaum e.V. – Notification no. 0919

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

- Report no. 151/10/M-1/λHFM 1 and 199/10/M-1/ λHFM 1: Thermal properties of construction materials and products – measuring thermal resistance using heat flux – products of high and medium thermal resistance in accordance with PN-EN 12667:2002
- Report no.: 151/10/314/M-1
- Report no.: 151/10/315/M-2
- Report Nr 095411.1: Reaction to fire performance – fire resistance at direct flame exposure
- Report no.095412.1-Ku: Shape and dimension tolerance classes in accordance with: PN-EN 822:1998; PN-EN 823:1998; PN-EN 824:1998; PN-EN 825:1998

7. Declared performance

Properties	Requirements	Class acc. Harmonized technical specification	Harmonised technical specification
Reaction to fire class	E	E	
Thermal conductivity	At the most 0,040 W/mK	λD – 0,040 W/mK	EN 13163:2013-05
Compressive stress at 10% deformation		N/a	
Bending strength	At least 50 kPa	BS50	
Dimension stability under normal laboratory conditions	± 0,5%	DS(N)5	
Dimension stability under specified temperature and humidity conditions		N/a	
Deformation under specified compressive load and temperature conditions		N/a	
Tensile strength perpendicular to faces		N/a	
Compressive creep		N/a	
Long-term water absorption by immersion		N/a	
Long-term water absorption by diffusion		N/a	
Freeze-thaw resistance		N/a	
Water vapour transmission		N/a	
Release of dangerous substances		N/a	
Long-term thickness reduction		N/a	
Dynamic stiffness	➢ ≤ 30 MN/m³ for thickness ≤ 30mm ➢ ≤ 25 MN/m³ for thickness > 30mm	SD30 SD25	

Properties	Requirements	Class acc. Harmonized technical specification	Harmonised technical specification
Compressibility	≤ 2mm	CP2	EN 13163:2013-05
Length	± 0,6% or ± 3mm	L(3)	
Width	± 0,6% or ± 3mm	W(3)	
Squareness	± 5mm/1000mm	S(5)	
Flatness	10 mm	P(10)	
Thickness	➢ -0/+10% or +2mm for dL <35mm ➢ -0/+15% or +3mm for dL ≥35mm	T(0)	
Thermal resistance: • Thickness 25mm • Thickness 30mm	• 0,60 m²K/W • 0,75 m²K/W		

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