

## DECLARATION OF PERFORMANCE

### No. CPR-20-IC-204

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

- 1000003- Uponor Tacker Panel Roll 30-3
- 1000009- Uponor Tacker Panel 30-3
- 1000004- Uponor Tacker Panel Roll 35-3
- 1000010- Uponor Tacker Panel 35-3
- 1063293- Uponor Tacker panel Roll Extra 30-3
- 1063294- Uponor Tacker panel Roll Extra 35-3

**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-3/λHFM 1 and 151/10/M-4/ 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.: 151/10/349/M-5
- Report no.: 151/10/316/M-3
- Report no.: 151/10/317/M-4
- 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 0,045 W/mK	$\lambda_D - 0,045$ 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	$\pm 0,5\%$	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	<ul style="list-style-type: none"> <li>➤ <math>\leq 20</math> MN/m<sup>3</sup> for thickness <math>\leq 30</math>mm</li> <li>➤ <math>\leq 15</math> MN/m<sup>3</sup> for thickness <math>&gt; 30</math>mm</li> </ul>	SD20 SD15	

Properties	Requirements	Class acc. Harmonized technical specification	Harmonised technical specification
Compressibility	$\leq 3\text{ mm}$	CP3	EN 13163:2013-05
Length	$\pm 0,6\%$ or $\pm 3\text{ mm}$	L(3)	
Width	$\pm 0,6\%$ or $\pm 3\text{ mm}$	W(3)	
Squareness	$\pm 5\text{ mm}/1000\text{ mm}$	S(5)	
Flatness	10 mm	P(10)	
Thickness	<ul style="list-style-type: none"> <li>➤ <math>-0/+10\%</math> or <math>+2\text{ mm}</math> for dL <math>&lt; 35\text{ mm}</math></li> <li>➤ <math>-0/+15\%</math> or <math>+3\text{ mm}</math> for dL <math>\geq 35\text{ mm}</math></li> </ul>	T(0)	
Thermal resistance: <ul style="list-style-type: none"> <li>• Thickness 30mm</li> <li>• Thickness 35mm</li> </ul>	<ul style="list-style-type: none"> <li>• <math>0,65\text{ m}^2\text{K/W}</math></li> <li>• <math>0,75\text{ m}^2\text{K/W}</math></li> </ul>		

### 8. Appropriate 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