DECLARATION OF PERFORMANCE

No. CPR-20-IC-210

1. Unique identification code of the product-type:

- 1078385 - Uponor Tacker panel FR PUR R=0,75 20X1200X1000MM
- 1078386 - Uponor Tacker panel FR PUR R=1,35 30X1200X1000MM
- 1078387 - Uponor Tacker panel FR PUR R=2,00 44X1200X1000MM
- 1078388 - Uponor Tacker panel FR PUR R=2,40 53X1200X1000MM
- 1078389 - Uponor Tacker panel FR PUR R=2,60 58X1200X1000MM
- 1078390 - Uponor Tacker panel FR PUR R=3,00 66X1200X1000MM
- 1078391 - Uponor Tacker panel FR PUR R=3,15 70X1200X1000MM
- 1078392 - Uponor Tacker panel FR PUR R=3,50 77X1200X1000MM
- 1078393 - Uponor Tacker panel FR PUR R=3,70 82X1200X1000MM
- 1078394 - Uponor Tacker panel FR PUR R=4,05 90X1200X1000MM
- 1078395 - Uponor Tacker panel FR PUR R=4,65 103X1200X1000MM
- 1078396 - Uponor Tacker panel FR PUR R=5,00 110X1200X1000MM
- 1078397 - Uponor Tacker panel FR PUR R=5,45 120X1200X1000MM

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

Thermal insulation products for buildings - Factory made rigid polyurethane foam (PU) products

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

Uponor France, ZAC de Chêsnes - "La Noirée"
60 avenue des Arrivaux, Bât. B, 38070 Saint-Quentin-Fallavier, Fance

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 13165:2012 for which:

Notified testing laboratory No. NB 1136

7. Declared performance

Essential characteristics	Performance (The letters 'NPD' (No Performance Determined) are indicated where no performance is declared.)	
Reaction to fire	Reaction to fire	F
Reaction to fire – end use	Reaction to fire – end use	NPD
Thermal resistance	Thermal resistance (R_D in m^2K/W)	0,90 for d_N 20mm 5,45 for d_N 120mm
	Thermal conductivity (λ_D in W/mK)	0,022
Thickness	d_N: 20-120 mm	T2
Compressive strength	NPD	
Tensile strength/shear behaviour	Tensile strength perpendicular to faces: Shear strength: Shear modulus:	NPD NPD NPD
Water permeability	Water absorption - short term by partial immersion - long term by partial immersion - long term by total immersion Flatness after one-sided wetting	 NPD NPD NPD NPD
Water vapour permeability	Water vapour transmission	NPD
Acoustic absorption index	Sound absorption	NPD
Direct airborne sound insulation index	Sound absorption	NPD
Continuous glowing combustion	No harmonized test method available	
Release of dangerous substances to the indoor environment	No harmonized test method available	
Durability of reaction to fire against heat, weathering, ageing / degradation	Reaction to fire does not change with time	
Dimensional stability under specified temperature and humidity conditions	48h, 70°C, 90% R.H.	NPD
	48h, -20°C	NPD
Deformation under specified compressive load and temperature conditions	40 kPa, 70°C, 168h	NPD
Compressive creep		NPD

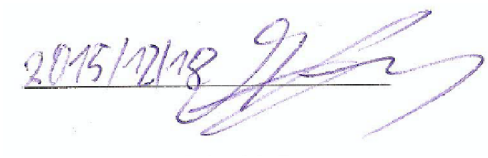
8. Appropiate Technical Documentation and/or Specific Technical Documentation

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

i.A. Roger Stapel

Manager Supplier Quality Assurance

Uponor GmbH