

DECLARATION OF PERFORMANCE (DoP)

No. UHP-191017

accordingly to annex III of the Regulation (EU) No. 305/2011



Tycroc OÜ

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1. Unique identification code/codes of the product-type/types:	Tycroc UHP Codes: UHP05; UHP16; UHP20
2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):	Extruded polystyrene foam (xps) used for the thermal insulation of buildings. XPS-B2-Br.-Free-100%Virgin-HCFC/CFC Free
3. Intended use or uses of the Construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:	Extruded polystyrene foam (xps) used for the thermal insulation of buildings complying with: EN 13164:2012+A1:2015
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):	Trade mark: TYCROC Produced for and behalf of Tycroc OÜ by Tianchang Bonda Electrical Trading Co.,Ltd, Room 1016,Jiafu International Plaza, TianChang, City Anhui, 239300, China
5. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:	System 3. Factory Production Control
6. In case of the declaration of performance concerning a construction product covered by a harmonised standard:	URBAN INCERC, notified body no. 1841 Harmonised standard: EN13164:2012+A1:2015 Reference test report No. 1306

7. Declared performances

Essential characteristics	Performance	Harmonised technical specification
Compressive stress at 10% deformation	300 kPa Level CS (10/Y) 300	EN 826
Thermal conductivity (λ)	0,032 W/(m·K)	EN 12667
Water permeability (Water absorption)	NPD	EN 12087, EN 12088
Reaction to fire	Euroclass B	EN 13501-1
Length, Width, Thickness, Squareness, Flatness	L(2), W(2), T(1), S(1), P(3)	EN 822:2013, EN 823:2013, EN 824:2013, EN 825:2013
Tensile strength	512 kPa	EN 1607:2013
Aluminium foil thickness	UHP05 - 0,07mm (70 μ m) UHP16 - 0,1mm (100 μ m) UHP20 - 0,1mm (100 μ m)	-
Thermal resistance, R		
UHP05 (1200x600x20mm) UHP16 (1200x600x25mm) UHP20 (1200x600x30mm)	0,625 (m ² ·K/W) 0,781 (m ² ·K/W) 0,938 (m ² ·K/W)	EN 12667:2002

The performance of the product identified above is in conformity with the declared performance in point 7. This declaration of performance is issued, in accordance with annex III of the Regulation (EU) No. 305/2011, under the sole responsibility of the manufacturer identified in point 4.

Signed for and behalf of the manufacturer by:
Tanel Tärna, CEO of Tycroc OÜ
Tallinn, 17.10.2019

