

DECLARATION OF PERFORMANCE
Under the CPR EU 305/2011
No. 2023-003 SA46

1. Unique identification code of the product-type:

ONDULINE® PIR AL-M

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

Thermal insulation for buildings

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

ONDULINE SA
24 QUAI GALLIENI
92 150 SURESNES – FRANCE
www.onduline.com

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

Not Applicable

5. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:

System 3

6a. In case of the declaration of performance concerning a construction product covered by a harmonized standard:

UNE-EN 13165:2012+A2:2016

Notified Body (NB) : **No 0679, Centre Scientifique et Technique du Bâtiment (CSTB)**

No 0370, APPLUS LGAI Technological Center

No 1168, Asociación para el Fomento de la Investigación y la Tecnología de la Seguridad (AFITI)

7. Declared performances

Essential characteristics		Performance	
Thermal resistance	Thermal resistance $R_D((m^2.K)/W)$	d _N 25mm	1.10
		d _N 30mm	1.30
		d _N 35mm	1.50
		d _N 40mm	1.75
		d _N 45mm	1.95
		d _N 50mm	2.20
		d _N 55mm	2.40
		d _N 60mm	2.65
		d _N 65mm	2.85
		d _N 70mm	3.05
		d _N 80mm	3.50
		d _N 85mm	3.70
		d _N 90mm	3.95
		d _N 100mm	4.40
		d _N 102mm	4.50
		d _N 104mm	4.60
		d _N 105mm	4.60
		d _N 110mm	4.85
		d _N 120mm	5.30
		d _N 130mm	5.75
		d _N 135mm	5.95
		d _N 140mm	6.15
		d _N 150mm	6.60
		d _N 160mm	7.05
		Thermal conductivity $\lambda_D(W/(m.K))$	0.023
		Thickness tolerance	d _N 25-160mm T2
Reaction to fire			E

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 condition		DS(70,90)3 NPD
Deformation under specified compressive load and temperature conditions		NPD
Essential characteristics		Performance
Compressive strength	Compressive stress or compressive strength	d _N 25-49mm CS(10\Y)175 d _N 50-160mm CS(10\Y)200
Tensile / Flexural strength	Tensile strength perpendicular to faces	NPD
Durability of compressive strength against ageing / degradation	Compressive creep	NPD
Water permeability	Short term water absorption	NPD
	Long term water absorption	WL(T)1
	Flatness after one sided wetting	NPD
Water vapour permeability	Water vapour transmission	NPD
Acoustic absorption index	Sound absorption	NPD
Release of dangerous substances to the indoor environment		No harmonized test method available
Continuous glowing combustion		No harmonized test method available
NPD: No Performance Determined		

8. Appropriate Technical Documentation and/or Specific Technical documentation: **NO**

The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified in point 3.

Signed for and on behalf of the manufacturer by:
Christophe ROHART
R&D Director

Suresnes, 10/02/2023 Ver.2





0679 0370 1168

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ONDULINE® PIR AL-M
Thermal insulation for buildings

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	Thickness tolerance	d_N 25-160mm	T2
Reaction to fire		d_N 25mm	F
		d_N 30-160mm	E
Durability of reaction to fire against heat, weathering, ageing / degradation		Reaction to fire does not change with time	
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