



DECLARATION OF PERFORMANCE No. 02/2023

PN-EN 15824:2017-07 - Requirements for external and internal plasters on organic binders

1. Unique identification code of the product-type:

- AT Termo

2. Intended use/es:

The product is intended for making insulation and protective coatings outside and inside buildings and industrial installations. It prevents condensation of water vapor on the insulated surface, is characterized by antifungal properties and 90% reflection of solar radiation (TSR). Lowers the temperature of insulated surfaces and reduces exposure to burns (health and safety). It can be used on substrates such as plaster, concrete, brick, wood and metal. Designed for both professional and home use.

3. Manufacturer:

- FCOM SPÓŁKA Z OGRANICZONĄ ODPOWIEDZIALNOŚCIĄ
Węglowa 14
43-502 Czechowice-Dziedzice
Phone:+48 606 113 203, e-mail: biuro@fcom.pro, www.fcom.pro

4. Authorised representative:

- Not applicable

5. System/s of AVCP:

- SYSTEM 4

6a. Harmonised standard:

- **PN-EN 15824:2017-07** - Requirements for external and internal plasters on organic binders

Notified body/ies:

- **Łukasiewicz Research Network – Institute of Ceramics and Building Materials**
Cementowa 8, 31-983 Kraków

6b. European Assessment Document:

- Not applicable

7. Declared performance/s:

Properties	Category	Requirements	Declared performance		
Water vapour permeability <i>PN-EN ISO 7783:2018</i>	V ₁	>150 g/(m ² *d)	212.2 ± 15.0 g/(m ² *d)		
Water absorption <i>PN-EN 1062-3:2008</i>	W ₃	≤ 0,1 kg/(m ² *24 ^{0.5})	0.06 ± 0.02 kg/(m ² *24 ^{0.5})		
Adhesion <i>PN-EN 1542:2000</i>	-	≥ 0,3 MPa	0,7 ± 0,2 MPa		
Values of diffusion equivalent to the air layer S_d	-	-	0,10 m		
Total solar reflectance (TSR) <i>ASTM E903</i>	-	-	90,04%		
Calculated thermal conductivity λ_o <i>Own methodology</i>	-	-	0.00032 W/(m*K)		
Calculated thermal resistance R	-	-	For layer thickness		
			1 mm	2 mm	3 mm
			3,13 (m ² K)/W	6,25 (m ² K)/W	9,38 (m ² K)/W

8. Appropriate Technical Documentation and/or Specific Technical Documentation:

- Not applicable

The performance of the product specified above is consistent with the set of declared performance.

This declaration of performance is issued in accordance with Regulation (EU) No 305/2011 under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Filip Bielakow
(first and last name)

Czechowice-Dziedzice
(place)

15.12.2023
(date)

FCOM Sp. z o.o.
Prezes Zarządu

Filip Bielakow


(signature)