

## DECLARATION OF PERFORMANCE

Number: 02/23

issued pursuant to Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 laying down harmonised conditions for the marketing of construction products and repealing Council Directive 89/106/EEC

- 1) Unique product type identification code: **THRcoating ALPHA ISOLATION**
- 2) Type, batch or serial number or any other element enabling identification of construction products as referred to in Article 11(4): the date of manufacture (batch number) shown on the packaging of the product.
- 3) Intended use or intended uses of the construction product in accordance with the relevant harmonised technical specification as provided by the manufacturer: ALPHA ISOLATION is designed to act as a conductive insulating and reflective layer, i.e. an intermediate layer for ALPHA INNER, ALPHA FACADE and ALPHA COVER. It is an effective protection against frost penetration or heat leakage and surface water vapour condensation. It is applied to the exterior or interior walls of industrial and residential buildings.
- 4) Name, business name or registered trademark and contact address of the manufacturer according to Article 11(5): ALPHA CZECH s.r.o.  
Pražákova 1008/69  
639 00 Brno – Štýřice  
Czech Republic
- 5) Alternatively, the name and contact address of the authorised representative whose power of attorney covers the tasks referred to in Article 12(2): Not applicable
- 6) System(s) for assessing and verifying the stability of the performance of construction products as specified in Annex V: System 2+
- 7) In the case of a declaration of performance relating to a construction product covered by a harmonised standard: Technical and Testing Institute of Construction Prague, s.p., Authorized Person No. 204, State Institute of Health, Prague.
- 8) In the case of a declaration of performance relating to a construction product for which a European Technical Assessment has been issued: Not applicable
- 9) The properties listed in the declaration:

Basic characteristics	Feature	Harmonised Technical Specification
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Health and hygiene safety of VOCs	Convenient	EN ISO 16000-9, -10, -11
TSR emissivity	93,5	ASTM E903-12
Water vapour permeability	0,36 m	EN ISO 7783
Water penetration rate - degree of permeability	0.1 kg (m <sup>2</sup> .h) <sup>0.5</sup>	EN 1062-3
Adhesion to the substrate	1,07 MPa	EN 73 2577, EN 1542
Freeze resistance - 15 freeze cycles	1,22 MPa	CSN 73 2579
SRI	105,5	ASTM E1980-11
Reaction to fire	C-s1,d0	EN 13501-1:2019, EN 13823:2020, EN ISO 11925-2:2020, PN EN 13823:2010, EN ISO 11925-2:2010
Indirect food contact	Suitable for	CSN 77 0226, CSN ISO 8586, CSN ISO 8589, ISO 13 302, CSN EN 1230-1, CSN EN 1230-2, DIN 10955:2004

10) The product characteristics listed in points 1 and 2 are consistent with those listed in point 9.

Where specific technical documentation has been used in accordance with Article 37 or 38, the requirements which the product meets: Not applicable

This declaration of performance is issued under the sole responsibility of the manufacturer referred to in point 4.

Signed for and on behalf of the manufacturer:



**ALPHA CZECH s.r.o.**  
 Pražkova 1008/59, Stýřice, 639 00 Brno  
 IČO: 093 59 911, DIČ: CZ09359571

In Brno 21.7.2023


Update No. 1

List of attachments

Annex 1. Model of the mark of conformity

**Annex 1 to Declaration of Performance No 01/23**

a)

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ALPHA CZECH s.r.o. Pražákova 1008/69, 639 00 Brno - Štýřice Czech Republic  <b>THRcoating ALPHA ISOLATION</b>  02/23
Health and hygiene VOCs : Compliant TSR: 93.5% Water vapour permeability: 0.36 m Water penetration rate - degree of permeability: 0.1 kg (m <sup>2</sup> .h) <sup>0.5</sup> Adhesion to substrate: 1.07 MPa Freeze resistance - 15 freeze cycles: 1,22 MPa SRI: 105.5 Reaction to the fire: C-s1,d0 Indirect contact with food: Compliant
Intermediate layer for ALPHA INNER, ALPHA FACADE and ALPHA COVER

