

PRODUCT DECLARATION OF PERFORMANCE

According to ANNEX III of Regulation (EU) No. 305/2011

No. DoP Perlifoc -11-100 /2024/11

Date of issue; **16/12/2024**

Replaces. No. DoP-RFSXT5438-13 of 21/11/2016

1. Unique product identification code - type:

PERLIFOC

2. Intended use(s):

Mortar for sprayed coatings for contribution to fire resistance for the conditions:

- Indoor and semi-exposed conditions (Y). Semi-exposed conditions include temperatures below 0°C, but not exposure to rain and limited UV exposure.
- Indoor conditions excluding temperatures below 0°C, with high humidity (Z₁).
- Indoor conditions excluding temperatures below 0°C, with humidity classes other than those indicated above (Z₂).

And the categories of use:

Type 3: Concrete structural elements.

Type 4: Steel structural elements.

Type 5: Mixed structural elements of concrete and profiled sheet metal.

Type 7: Wooden structural elements.

Type 9: Building services installations.

Type 10: Structural floor slab with timber beams and concrete slab.

3. Manufacturer: Perlita y Vermiculita, S.L.U. (Division of Carboline)

Garraf s/n, Polígono Industrial Can Prunera

E-08759 Vallirana (Barcelona) Spain

<http://sp.carboline.com>

4. Authorised representative:

Not applicable.

5. System of Assessment and Verification of Constancia de Prestaciones:

System 1: Certification of product conformity by a notified body.

6. European Assessment Document; ETAG 018, Part 1 edition April 2013 and Part 3 edition May 2012, used as European Assessment Document (EAD) art 66 (3).

European Technical Assessment; ETA 12/0005 of 28.11.2016

Technical evaluation body; Institute of Construction Technology of Catalonia - (ITec)

Notified body(ies); No. 1220 - Institute of Construction Technology of Catalonia - (ITec) EC Certificate of Conformity of Performance No. 1220-CPR-1215

7. Declared benefits:


Key features	Services	Harmonised technical specifications
RB 2: Fire safety;		
Reaction to fire	A1. (EN 13501-1)	ETA 12/0005 of 28.11.2016
Fire resistance	This characteristic depends on the system tested. The performance of the product in each of the assemblies tested is demonstrated and provided by the manufacturer, in accordance with the intended use, point 2, of this DoP and specified in ETA 12/0005. Categories of performance are established and declared in a classification document in accordance with part of EN 13501.	ETAG 018 of 2006. Part 1 General and Part 3: Products and kits for render systems for fire protection applications.
RB 3: Hygiene, health and environment;		
Resistance to water vapour	NPD	ETA 12/0005 of 28.11.2016
Air permeability	NPD	ETAG 018 of 2006. Part 1 General and Part 3: Products and kits for render systems for fire protection applications.
Emission of hazardous substances	Declaration of hazardous substances according to Regulation (EC) No. 2020/878. Classified, labelled and packaged according to (EC) 1272/2008.	
Safety and accessibility of use;		
Accession	Values given in 3.24 and annexes 2 to 7, depending on installed thickness, see ETA 12/0005.	ETA 12/0005 of 28.11.2016 ETAG 018 of 2006. Part 1 General and part 3
Energy saving and thermal insulation;		
Thermal conductivity	Thermal conductivity 0,122 W/mK at a density of 682,9 kg/m ³ (EN 12667:2002)	
General aspects of fitness for use;		
Corrosion resistance of steel	See ETA 12/0005 section 3.2.4 according to Dite Guide 018-3 and Annex 2.	ETA 12/0005 of 28.11.2016 ETAG 018 of 2006. Part 1 General and part 3
Durability and maintenance	Estimated service life of 25 years in use conditions type Y categories Z1 and Z2 (indoor and semi-exposed) includes temperatures below 0 °C but no exposure to rain and limited to UV.	ETA 12/0005 of 28.11.2016 ETAG 018 of 2006. Part 1 General and part 3
Sustainable use of natural resources;		
Sustainable use of natural resources	NPD	

8. Adequate technical documentation or Specific technical documentation.

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

Signed on behalf of the manufacturer by;

Sales Engineering Manager
Javier Marin



Barcelona, 16/12/2024

Annex;

In accordance with Article of Regulation (EU) No. 305/2011, a Safety Data Sheet in accordance with (EL) No. 2020/878 is available on request.