

# PRODUCT DECLARATION OF PERFORMANCE

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

**DoP No. DoP Perlifoc HP Eco+-11-137 /2024/11**

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

Replaces; No. 1219-CPR-0288 of 8/6/2022

## 1. Unique product identification code - type:

**PERLIFOC HP Eco+**

## 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 (Z<sub>1</sub>).
- Indoor conditions excluding temperatures below 0°C, with humidity classes other than those indicated above (Z<sub>2</sub>).

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 8: Fire protection products contributing to the fire resistance of fire separation assemblies without load requirements.

Type 10: Other uses. Compartmentalisation.

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

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; DEE 350140-00-1106

**European Technical Assessment;** ETA 20/0894 of 15.06.2024

**Technical Evaluation Body;** Instituto de Ciencias de la Construcción Eduardo Torroja - (IETcc)

**Notified body(ies);** No. 1219 - Instituto de Ciencias de la Construcción Eduardo Torroja - (IETcc) EC Certificate of Constancia de Prestaciones CE núm. 1219-CPR-0288

## 7. Declared benefits

Key features	Services	Harmonised technical specifications
<b>BWR1: Mechanical strength and stability;</b>		
	Not applicable (NPD)	
<b>BWR2: Fire safety;</b>		
Reaction to fire	A1. (EN 13501-1)	ETA 20/0894 of 15.06.2024
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 20/0894. Categories of performance are established and declared in a classification document in accordance with part of EN 13501.	<b>DEE 350140-00-1106. Plaster and plaster kits intended for fire resistant applications</b>
<b>BWR3: Hygiene, health and environment;</b>		
Resistance to water vapour	Values indicated in point 2.2.4 according to EN 12086 relevant clause in ETA 20/0894 EADs	ETA 20/0894 of 15.06.2024
Air permeability	NPD	<b>DEE 350140-00-1106. Plaster and plaster kits intended for fire resistant applications</b>
Emission of hazardous substances	Declaration of hazardous substances according to Regulation (EC) No. 2020/878. Classification, labelling and packaging according to (EC) 1272/2008.	
<b>BWR4: Safety and accessibility of use;</b>		
Accession	Values as stated in clause 2.2.7 relevant clause in ETA 20/0894 EADs	ETA 20/0894 of 15.06.2024 <b>DEE 350140-00-1106.</b>
<b>BWR5: Noise protection;</b>		
Sound absorption performance	$\alpha_w = 0.20$ , class E (EN ISO 11654:1998)	ETA 20/0894 of 15.06.2024 <b>DEE 350140-00-1106.</b>
<b>BWR6: Energy saving and thermal insulation;</b>		
Thermal conductivity	Thermal conductivity 0,087 W/mK at a density of 463 kg/m <sup>3</sup> (EN 12667:2002)	ETA 20/0894 of 15.06.2024 <b>DEE 350140-00-1106.</b>
<b>General aspects of fitness for use;</b>		
Corrosion resistance of steel	See ETA 20/0894	ETA 20/0894 of 15.06.2024 <b>DEE 350140-00-1106.</b>
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 without exposure to rain and limited to UV.	ETA 20/0894 of 15.06.2024 <b>DEE 350140-00-1106.</b>
<b>Sustainable use of natural resources;</b>		

Sustainable use of natural resources	NPD	
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**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.