

PRODUCT DECLARATION OF PERFORMANCE

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

No. DoP Perliwool -11-055 /2024/11

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

Replaces. No. 18/001-500025-01-005 of 22/2/2021

1. Unique product identification code - type:

PERLIWOOL

2. Intended use(s):

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

- 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: Timber structural elements

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; EAD 350140-00-1106

European Technical Assessment; ETA 18/0456 of 27.05.2020

Technical Assessment Body; Institute of Construction Technology - (ITeC)

Notified body/ies; No. 1220 - Instituto de Tecnología de la Construcción - (ITeC)

EC Proof of Performance Certificate No. 1220-CPR-1805

7. Declared benefits:

| Key features | Services | Harmonised technical specifications |
|--|--|--|
| BWR1: Mechanical strength and stability; | | |
| | Not applicable (NPD) | |
| BWR2: Fire safety; | | |
| Reaction to fire | A1 (EN 13501-1) | ETA 18/0456 of 27.05.2020 |
| 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, according to the intended use, annexes 2 and 3, of ETA 18/0456. Categories of performance are established and declared in a classification document in accordance with part of EN 13501. | DEE 350140-00-1106. Plaster and plaster kits intended for fire resistant applications |
| BWR4: Safety and accessibility of use; | | |
| Accession | The different options tested are listed in Annex 2 and 3 of ETA 18/0456. | ETA 18/0456 of 27.05.2020 DEE 350140-00-1106. |
| BWR5: Noise protection; | | |
| Sound absorption performance | Thickness 35 mm; $\alpha_w = 0,80$ (H), Class B Thickness 45 mm; $\alpha_w = 1,00$ (H), Class A (EN ISO 11654:1998) | ETA 18/0456 of 27.05.2020 DEE 350140-00-1106. |
| BWR6: Energy saving and thermal insulation; | | |
| Thermal conductivity | Thermal conductivity 0.078 W/(mK) | ETA 18/0456 of 27.05.2020 DEE 350140-00-1106. |

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.