



DECLARATION OF PERFORMANCE

number 18/001

DoP 500025-01-005

1. **Registered trade name:**

PERLIWOOL®

2. **Specification of the intended uses in accordance with the applicable EAD:**

Sprayed mortar coating for contribution to fire resistance of steel structural elements and concrete structural elements. Internal conditions with temperatures of at least 0°C and humidity lower than 85% RH

Intended use categories:

Type 3: Loadbearing concrete elements

Type 4: Loadbearing steel elements

Type 5: Load-bearing flat concrete profiled sheet composite elements

Type 7: Load-bearing timber elements

3. **Manufacturer:**

Mineral Fiber Solutions, S.L.
Ctra. A-2217 km 3,84
ES-22540 Altorricón (Huesca)

4. **System of assessment and verification of constancy of the performance:**

System 1

5. **European assessment document:** EAD 350140-00-1106

European technical assessment: ETA 18/0456, dated 25 May 2020

Notified factory production control certification body: The Catalonia Institute of Construction Technology

Notified body: 1220 – The Catalonia Institute of Construction Technology - ITeC

6. **Declared performance:**

Essential Characteristics	Performance
Reaction to fire	A1
Resistance to fire	For further information, see annex 2 and 3 to ETE 18/0456
Durability	Type Z ₂



Adhesion (bond strength)	For further information, see annex 2 and 3 to ETE 18/0456
Sound absorption	Thickness 35 mm $\alpha_v = 0,80$ (H); Class B Thickness 54 mm $\alpha_v = 1,00$; Class A
Thermal conductivity	0,078 W/(m·K)

The performances of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance (DoP) is issued, in conformity with the Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified in point 3.

Signed by and on behalf of the manufacturer by:

Antonio García.

Altorricón, 22th of February 2021.