

# DECLARATION OF PERFORMANCE

Nº DoP: 627-1



**CERÁMICA PIEROLA, S.L.**

CRTA. ESPARRAGUERA A PIERA, KM.10  
08781 – HOSTALET DE PIEROLA (SPAIN)

|                                                                                                                                                            |                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|
| (1) Product ID                                                                                                                                             | Facing masonry unit with vertical perforation. Type U. |
| (2) Product Identification linked:                                                                                                                         | <b>LONGMOOR brick 215 x102 x 73</b>                    |
| (3) Intended use(s):                                                                                                                                       | In walls, columns and partitions protected.            |
| (4) Attestation of conformity system(s).                                                                                                                   | 2+                                                     |
| (5) Task for the notified body:                                                                                                                            | <b>AENOR 0099</b><br><br><b>0099-CPR-A73-0023</b>      |
| i- Initial inspection of factory and of factory production control.<br>ii- Continuous surveillance, assessment and approval of factory production control. |                                                        |

(6) Performance declarations:

| Technical Specification                                                                 | Features                                                                                                                                               | Specification for masonry units    |
|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
| Size Tolerance Mean & Range.                                                            | T2 (mean value) / R2 (interval)                                                                                                                        | <b>EN 771-1:2011 +<br/>A1:2015</b> |
| Configuration & dimensions                                                              |                                                                                                                                                        |                                    |
| Compressive Strength :                                                                  | ≥60 N/mm <sup>2</sup> - Category I.                                                                                                                    |                                    |
| Dimensional Stability                                                                   | Moisture movement ≤ 0,5 mm/m                                                                                                                           |                                    |
| Bond Strength                                                                           | Declared value of initial shear strength = 0,15 N/mm <sup>2</sup> .                                                                                    |                                    |
| Active Soluble Salts contents                                                           | Category S0                                                                                                                                            |                                    |
| Reaction to Fire                                                                        | EUROCLASS A1                                                                                                                                           |                                    |
| Water Absorption                                                                        | ≤ 6 %                                                                                                                                                  |                                    |
| Water vapour permeability (μ) (for units intended to be used in external elements)      | Declared value (tabulated water vapour diffusion coefficient : 5/10                                                                                    |                                    |
| Direct airborne sound insulation (in end conditions) /Density, Weight and Configuration | Density: 2.275 kg/m <sup>3</sup><br>Gross dry density: 1.600 kg/m <sup>3</sup><br>Weight: ≥ 2.500 g.<br><b>Configuration:</b> see sketch of the piece. |                                    |
| Thermal resistance (density and configuration)                                          | Provided value of thermal conductivity (λ <sub>10</sub> dry unit) = 0,35 W/m.K (tabulated values)<br>Thermal resistance = 0,21 m <sup>2</sup> x K/W    |                                    |
| Durability (EN 772-22:2021)                                                             | Category F2                                                                                                                                            |                                    |

(7) The performance of the identified product is in conformity with the declared benefits. This declaration of performance is issued in accordance with Regulation (EU) Nº 305/2011, under the responsibility of the identified manufacturer.

Name and position: Luis Pinardel Nuñez, factory director.

Place and date of issue: Hostalets de Pierola, October 1, 2021.

Edition 1