

DECLARATION OF PERFORMANCE

N° DoP: 622-1-1



CERÁMICA PIEROLA, S.L.

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

(1) Product ID	Facing masonry unit with vertical perforation. Type U.	
(2) Product Identification linked:	BUCKINGHAM BROWN SMOOTH brick 215 x102 x 65	
(3) Intended use(s):	Used outside or inside that is intended to have an attractive appearance, on walls, pillars and partitions of unprotected masonry factory.	
(4) Attestation of conformity system(s).	2+	
(5) Task for the notified body:	AENOR 0099	
i- Initial inspection of factory and of factory production control.		
ii- Continuous surveillance, assessment and approval of factory production control.	0099-CPR-A73-0023	

(6) Performance declarations:

Technical Specification	Features	Specification for masonry units
Size Tolerance Mean & Range.	T2 (mean value) / R2 (interval)	EN 771-1:2011 + A1:2015
Configuration & dimensions (in mm).		
Compressive Strength :	≥40 N/mm² - Category I.	
Dimensional Stability	Moisture movement ≤ 0,5 mm/m	
Bond Strength	Declared value of initial shear strength = 0,15 N/mm² .	
Active Soluble Salts contents	Category S2	
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 : 50/100).	
Direct airborne sound insulation (in end conditions) /Density, Weight and Configuration	Density: 2.200 kg/m³ Gross dry density: 1.550 kg/m³ Weight ≥ 2.050 g . Configuration: see sketch of the piece.	
Thermal resistance (density and configuration)	Provided value of thermal conductivity (λ ₁₀ dry unit) = 0,35 W/m.K (tabulated values) Thermal resistance = 0,21 m² x K/W	
Durability (EN 772-22)	Category F2	
Dangerous substances	NPD	

(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) N° 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, March 20 th , 2023.	Edition 1