

DECLARATION OF PERFORMANCE

N° DoP: 623-1-1



CERÁMICA PIEROLA, S.L.

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

(1) Product ID	Clay Engineering brick vertically perforated. Type P.	
(2) Product Identification linked:	CLASS 'B' ENGINEERING 215 x 102 x 73	
(3) Intended use(s):	In walls, columns and partitions protected.	
(4) Attestation of conformity system(s).	2+	
(5) Task for the notified body: i- Initial inspection of factory and of factory production control. ii- Continuous surveillance, assessment and approval of factory production control.	AENOR 0099	
	0099-CPR-A73-0023	
(6) Performance declarations:		
Technical Specification	Features	Specification for masonry units
Size Tolerance Mean & Range.	T2 (mean value) / R1 (interval)	EN 771-1:2011 + A1:2015
Configuration & dimensions		
Compressive Strength :	$\geq 75 \text{ N/mm}^2$ - Category I.	
Dimensional Stability	Moisture movement $\leq 0,5 \text{ mm/m}$	
Bond Strength	Declared value of initial shear strength = $0,15 \text{ N/mm}^2$.	
Active Soluble Salts contents	Category S2	
Reaction to Fire	EUROCLASS A1	
Water Absorption	$\leq 6 \%$	
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/m³ Gross dry density: 1.600 kg/m³ Weight: $\geq 2.500 \text{ g}$. 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	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) 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, April 22nd, 2022.	Edition 1	