

DECLARATION OF PERFORMANCE

N° DoP: 624-1-1



CERÁMICA PIEROLA, S.L.
 CRTA. ESPARRAGUERA A PIERA, KM.10
 08781 – HOSTALETTS DE PIEROLA (SPAIN)

(1) Product ID	Facing masonry unit with vertical perforation. Type U.	
(2) Product Identification linked:	BUXTON RED DRAGWIRE BRICK 215 x102 x 65/73	
(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		
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 N/mm² .	
Active Soluble Salts contents	Category S2	
Reaction to Fire	EUROCLASS A1	
Water Absorption	$\leq 8 \%$	
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: 1.600 kg/m³ Weight: (65) $\geq 2.100 \text{ g.}$, (73) $\geq 2.400 \text{ g.}$ 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	
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 , 2017.	Edition 2