

# DECLARATION OF PERFORMANCE

N° DoP: 628-1-2



**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:	<b>SOUTHGATE RED MULTI brick 215 x102 x 65</b>	
(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).	<b>2+</b>	
(5) Task for the notified body:	<b>AENOR 0099</b>	
i- Initial inspection of factory and of factory production control.		
ii- Continuous surveillance, assessment and approval of factory production control.	<b>0099-CPR-A73-0023</b>	

(6) Performance declarations:		
Technical Specification	Features	Specification for masonry units
Size Tolerance Mean & Range.	<b>T2</b> (mean value) / <b>R2</b> (interval)	<b>EN 771-1:2011 + A1:2015</b>
Configuration & dimensions (in mm).		
Compressive Strength :	$\geq 50 \text{ N/mm}^2$ - Category I.	
Dimensional Stability	Moisture movement $\leq 0,5 \text{ mm/m}$	
Bond Strength	Declared value of initial shear strength = <b>0,15 N/mm<sup>2</sup></b> .	
Active Soluble Salts contents	Category <b>S2</b>	
Reaction to Fire	<b>EUROCLASS A1</b>	
Water Absorption	$\leq 6 \%$	
Water vapour permeability ( $\mu$ ) (for units intended to be used in external elements)	Declared value (tabulated water vapour diffusion coefficient : <b>5/10</b>	
Direct airborne sound insulation (in end conditions) /Density, Weight and Configuration	Density: <b>2.200 kg/m<sup>3</sup></b> Gross dry density: <b>1.600 kg/m<sup>3</sup></b> Weight $\geq 2.050 \text{ g}$ . <b>Configuration:</b> see sketch of the piece.	
Thermal resistance (density and configuration)	Provided value of thermal conductivity ( $\lambda_{10}$ dry unit) = <b>0,35 W/m.K</b> (tabulated values) Thermal resistance = <b>0,21 m<sup>2</sup> x K/W</b>	
Durability (EN 772-22)	Category <b>F2</b>	
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, July 20 <sup>th</sup> , 2021.	Edition 1