DECLARATION OF PERFORMANCE

Nº: 0910103/DP

la paloma
cerámicas

(1) Identification of the Product Type:	Clay Brick for Masonry		(2) Manufacturer:
Commercial Designation: (C.B. HD Gres R-20) Oporto, Pirineo, Alicante y Navarra.	**Dimensions:** 236x114x33 236x114x51 236x114x65		GRES ACUEDUCTO S.A. Ctra. Vegas de Matute s/n 40422 Otero de Herreros Segovia

(3) Intended Use:	Facing Masonry	
(4) System of Assessment and Verification of constancy of performance:		2+
(5) Notified Body	AENOR	0099

i. Initial inspection of the manufacturing plant and of factory production control.
ii. Continuous surveillance, assessment and evaluation of factory production control and issued certifícate numbers.

0099/CPR/A73/0059	08/05/2.006

(6) Declared Performance

Essential Characteristics		Performance		Harmonised technical specification
Dimensions (Length x Width x Height)		236x114x33 mm 236x114x51 mm 236x114x65 mm		
Dimensional Tolerances	Average Value	T2		
	Range	R2		
Wall Thickness	Visible Face	≥ 15,0 mm		
	Not Visible Face	≥ 10,0 mm		
	Interior Wall	≥ 5,0 mm		
Orthogonality		≤ 2,0 mm		
Faces Flatness	300 ≥ l ≥ 250mm	≤ 3,0 mm		
	l ≤ 250mm	≤ 2,0 mm		
Percentage of Hollows		≤ 45%		
Bigger Hollow Volume		≤ 12,5 %		
Combined Thickness of Partition Walls		≥ 20%		
Configuration				EN 771-1:2.011
Density / Tolerance	Gross	1.250 Kg/m^3	D1	
	Net	2.150 Kg/m^3		
Compressive Strength / Category		20 N/mm2	I	
Water Absorption		≤ 6%		
Initial Rate of Water Absorption		≤ 0,8 Kg/(m^2·min)		
Durability		F2		
Moisture Expansion		≤ 0,30 mm/m		
Active Soluble Salt Content		S2		
Efflorescence		No Efflorescence		
Reaction to Fire		A1		
Thermal Properties. Conductivity λ (unit/Wall) (W/mK)	37	0,35	0,18	
	48		0,18	
	68		0,21	
Vapor Permeability		50/100		
Adherence		≥ 0,3 N/mm2		

· The performance of the product identified in (1) are in accordance with the declared performance in (6).
· This declaration of performance is issued under the sole responsibility of the manufacturer identified in point (2).

Signed:

D. Francisco Antonio Rodriguez Moreno, Representante Legal

Otero de Herreros, 10 October 2.014