
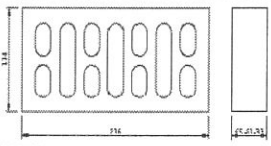


DECLARATION OF PERFORMANCE				
<b>Nº: 0910101/DP</b>				
<b>(1) Identification of the Product Type:</b> Clay Brick for Masonry		<b>(2) Manufacturer:</b>		
<b>Commercial Designation:</b> (C.B. HD Gres R-20) Levante, Castilla, Guadarrama, Aragón, Galicia, Cataluña, Escorial, Otero, Montserrat, Ronda, Timanfaya, Arrecife y Lanzarote.		<b>Dimensions:</b> 236x114x33 236x114x51 236x114x65		
<b>(3) Intended Use:</b> Facing Masonry		GRES ACUEDUCTO S.A. Ctra. Vegas de Matute s/n 40422 Otero de Herreros Segovia		
<b>(4) System of Assessment and Verification of constancy of performance:</b>			2+	
<b>(5) Notified Body</b>		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 certificate numbers.				
0099/CPR/A73/0059		08/05/2.006		
<b>(6) Declared Performance</b>				
Essential Characteristics		Performance	Harmonised technical specification	
Dimensions (Length x Width x Height)		236x114x33 mm	EN 771-1:2.011	
		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				
Density / Tolerance	Gross	1.250 Kg/m <sup>3</sup>		D1
	Net	2.150 Kg/m <sup>3</sup>		
Compressive Strength / Category		20 N/mm <sup>2</sup>		I
Water Absorption		≤ 6%		
Initial Rate of Water Absorption		≤ 0,8 Kg/(m <sup>2</sup> ·min)		
Durability		F2		
Moisture Expansion		≤ 0,20 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/mm <sup>2</sup>		
· 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				

