

TECHNICAL DATA SHEET

TECHNICAL DATA SHEET Nº: GA/480.100.40/MZ

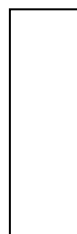
01/08/2016

FACTORY: GRES ACUEDUCTO S.A.

LOCATION: Otero De Herreros. Segovia. (Spain)



DESING



DESCRIPTION	CLAY BRICK HD of 480 x 100 x 40 CATEGORY II (UNE EN 771-1)		
COMERCIAL MODELS	JERUSALEN SERIE		
DIMENSIONS(mm)	480 x 100 x 40		
TECHNICAL SPECIFICATION (UNE EN 771-1:2011)			GUARANTEED PROPERTIES
EXFOLIATIONS / LAMINATIONS	Visual	UD	N/A
FISSURED BRICKS	Visual	UD	N/A
CHIPPED BRICKS	UNE 67039 EX	UD (7 < d < 15 mm)	N/A
		UD (d > 15 mm)	N/A
DIMENSIONAL TOLERANCES	UNE-EN 772-16	AVERAGE VALUE	T1
		DISPERSION	R1
WALL THICKNESS		VISIBLE FACE	N/A
		NOT VISIBLE FACE	N/A
		INTERIOR WALL	N/A
ORTHOGONALITY		mm	N/A
FACES FLATNESS	UNE-EN 772-20	L > 300 mm	N/A
		300 ≥ L ≥ 250	N/A
		L ≤ 250mm	N/A
PERCENTAGE OF HOLLOW	UNE-EN 772-3	(%)	N/A
BIGGER HOLLOW VOLUME	UNE-EN 772-9	(%)	N/A
COMBINED THICKNESS OF PARTITION WALLS	UNE-EN 772-16	(%)	N/A
WATER ABSORPTION	Annex C UNE-EN 771-1	(%)	≤ 6
INITIAL RATE OF ABSORPTION	UNE-EN 772-11	(Kg/(m ² xmin))	≤ 0,8
COMPRESSIVE STRENGTH	UNE-EN 772-1	(N / mm ²)	≥ 20
MASS / UD (minimum)	Annex D RP 34.01	(g)	3.000
DENSITY *	UNE-EN 772-13	ABSOLUTE (Kg/m ³)	2.150
		APPARENT (Kg/m ³)	2.000
		TOLERANCE (%)	± 10%
EFFLORESCENCE	UNE 67029 EX	NO EFFLORESCENCE	
DURABILITY (FROST RESISTANCE)	UNE 67028 EX	F2	
THERMAL PROPERTIES (Method) λ _{piezas} (W/m ·°K)	UNE-EN 1745	Tabulated	
		0,850	
VAPOR PERMEABILITY	Annex A UNE-EN 1745	μ	50/100
ACTIVE SOLUBLE SALTS CONTENT	UNE-EN 772-5	S2	
REACTION TO FIRE	UNE-EN 13501-1	A1	
MOISTURE EXPANSION	UNE 67036	mm/m	NDP
ADHERENCE	Annex C UNE-EN 998-2	(N/mm ²)	≥ 0,15

OBSERVACIONES:

*Model Artico: Density Absolute 2.000 and Density Apparent 1.650