

PRESSED FACING BRICKS

TECHNICAL FORM FOR HD CLAY MASONRY



TECHNICAL FORM Nº: RM-01 CE	Date: 2010-03-15
MANUFACTURER: CERÁMICA MALPESA, S.A.	
MADE IN: VILLANUEVA DE LA REINA	
PRODUCT DESCRIPTION: HD CLAY MASONRY UNIT R-20 CAT I UNE EN-771-1	
SIZES:	238x118, 120x120, 120x180, 200x100, 292x92, 294x145 & 360x120 mm
HEIGHTS (mm):	40-50
BRAND NAME:	SVELTE MADRID / PRENSADO ROJO MADRID
MASS COLORATION:	RED

Stamp and signature:

(For the final qualification, this technical form should be stamped and signed by the manufacturer)

TECHNICAL CHARACTERISTICS

Characteristic		Test Method	Manufacturer ensured values		
Appearance & structure	exfoliations and stratifications	Visual over 6 pieces	None		
	cracked units		≤ 1 cracked piece		
	chip units		UNE 67039 EX	≤ 1 piece with m.i.d. between 7-15 mm & 0 piece with m.i.d. > 15 mm	
Dimensional tolerances (mm)	Mean value	UNE-EN 772-16	T2		
			Range	R2	
				N/A	
	N/A				
	Wall thickness (mm)		unprotected face shells	N/A	
			protected face shells	N/A	
webs		N/A			
Plane parallelism of bed faces (mm)			N/A		
Flatness of bed faces (mm)	Diagonal	UNE-EN 772-20	≤ 3		
			≤ 2		
			≤ 2		
Percentage of voids	(%)	UNE-EN 772-3	≤ 25 %	Perforated	≤ 45 %
				Solid	≤ 25 %
Water absorption (%)		Annex C UNE-EN 771-1	≤ 16		
Damp proof courses (%)		UNE-EN 772-7	N/A		
Initial rate of water absorption (Kg/(m ² x min))		UNE-EN 772-11	≤ 0,9		
Characteristic normalized compressive strength (N/mm ²)		UNE-EN 772-1	≥ 20		
Density	Gross dry (Kg/m ³)	UNE-EN 772-13	Bearing face: Bed		
	Net dry (Kg/m ³)		2.050		
	Tolerance (%)		1.930, 1.820, 1.620		
Efflorescences		UNE 67029 EX	≤ 10		
Durability (Freeze/thaw)		UNE 67028 EX	Slightly efflorescence		
Thermal properties (Method)		UNE-EN 1745	F2/F0		
λ piece (W/m x k)			Test carried out in manual cold store		
Water vapour permeability - μ		Annex A UNE-EN 1745	Tabulated value		
Content of active soluble salts		UNE-EN 772-5	0,67		
Moisture movement (mm/m)		UNE 67036	5/10		
Fire reaction (%organic material < 1 %)		UNE-EN 13501-1	S2		
Bond strength (N/mm ²)		Annex C UNE-EN 998-2	≤ 0,55		
Surface colours		Anexo D RP 34.01	GRADE A1		
Water repellent treatment			0,15		
Accessory units			NON		
Remarks			YES		

It manufactures in the following formats: One bowl, double bowl and continuous bowl of 238x118 mm.

Details from the construction where it's placed the material named in this technical form: