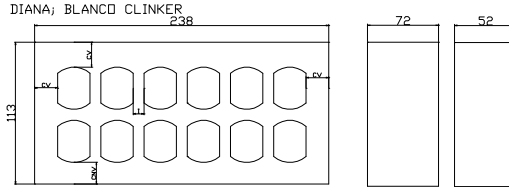


# TECHNICAL FORM

MANUFACTURER	<b>LADRILLOS MORA S.L</b>
MADE IN:	<b>ILLESCAS</b>
PRODUCT DESCRIPTION:	<b>HD CLINKER CLAY MASONRY R-40 238 x 113 x HEIGHT</b>
HEIGHTS (mm):	<b>52 72</b>
BRAND NAME:	<b>DIANA; BLANCO CLINKER</b>
MASS COLORATION:	<b>NO</b>



## PIECE SKETCH



## TECHNICAL CHARACTERISTICS

Characteristic		Test method	Manufacturer ensured values	required values		
Appearance and structure	exfoliations / stratifications	Visual	None			
	cracked units		≤ 1 cracked piece			
	chip units		UNE 67039 EX ≤ 1 piece with d.i.m. between 7 and 15 mm 0 pieces with m.i.d. > 15 mm.	≤ 1 piece with d.i.m. between 7 and 15 mm		
Dimensional tolerances (mm)	Mean value	UNE-EN 772-16	T2	length (l)	± 4	
				width (a)	± 3	
				height (h)	± 3	
	Range		R2	length (l)	0,25 x h½	máx de (0,25 x h½) ó 2
				width (a)	± 5	± 5
				height (h)	± 3	± 3
Wall thickness (mm)	unprotected face shells	≥ 15,0	≥ 15,0			
	protected face shells	≥ 10,0	≥ 10,0			
	webs	≥ 5,0	≥ 5,0			
Plane parallelism of bed faces (mm)			≤ 2,0			
Flatness of bed faces (mm)	Diagonals	UNE-EN 772-20	l > 300 mm	N/A		
			300 ≥ l ≥ 250 mm	≤ 3		
			l ≤ 250 mm	≤ 2		
Percentage of voids (%)	Declared value (%)	UNE-EN 772-3	≤ 45	≤ 45		
	Tolerance (%)		(- 10% ; + 0%)	(- 10% ; + 0%)		
Volume of the largest voids (%)		UNE-EN 772-9	≤ 12,5	≤ 12,5		
Combined thickness of webs and shells (%)		UNE-EN 772-16	≥ 20	≥ 20		
Water absorption in external elements (%)		Annex C UNE-EN 771-1	≤ 6	≤ 6		
Damp proof courses (%)		UNE-EN 772-7	N/A			
Initial rate of water absorption (Kg/(m² x min))		UNE-EN 772-11	≥ 40	≥ 40		
Characteristic normalized compressive strength (N/mm²)		UNE-EN 772-1	Bearing face: Bed	≥ 40		
				2.200		
				1.300		
Density	Gross dry (Kg/m³)	UNE-EN 772-13	± 10			
	Net dry (Kg/m³)		± 10			
	Tolerance (%)		± 10			
Weight (g)	Reduction for density	NO	Annex D RP 34.01	Minimum value ensured per height: 1490-2065		
Efflorescences		UNE 67029 EX	NO efflorescence	Slightly efflorescence		
Durability (Freeze/thaw)		UNE 67028 EX	> 100 cycles			
Thermal properties (Method)	A piece (W/m x k)	Method CTE	Test carried out in cold store with forced ventilation			
			Declared value from Method applied: fixed value			
			0,36			
			0,180 - 0,180			
Water vapour permeability - μ		Annex A UNE-EN 1745	50/100			
Content of active soluble salts		UNE-EN 772-5	S2			
Moisture movement (mm/m)		UNE 67036	≤ 0,40			
Fire reaction	(% organic materials < 1%)	UNE-EN 13501-1	CLASS A1			
Bond strength (N/mm²)		Annex C UNE-EN 998-2	≥ 0,30	≥ 0,3		
Surface colours		Annex D RP 34.01	The piece is manufactured with or without superficial coloration			
Water repellent treatment			NO			
Accessory units			YES			
Remarks						

Items will be manufactured with different surface coloration, comprising primary colours gamma and their possible combinations. Accessory units can be manufactured: rounds, corners, bricks, etc.

Details from the construction where it's placed the material named in this technical form:  
 (For the final qualification, this technical form should be stamped and signed by the manufacturer)

Stamps and signature: