



## AENOR Product Certificate



034/000987

AENOR certifies that the organization

### CERAMICA MALPESA, S.A.

registered office AUTOVIA A-4, KM 303 23730 VILLANUEVA DE LA REINA (Jaen - España)

supplies **Clay pavers**

in compliance with UNE-EN 1344:2015 (EN 1344:2013; EN 1344:2013/AC:2015)

Nº Technical Form 0831201 (see annex)

Production site AUTOVIA A-4, KM 303 23730 VILLANUEVA DE LA REINA (Jaen - España)

Certification scheme This Certificate has been granted in accordance with the stipulations of AENOR Specific Rules RP 034.12

First issued on 2009-05-26

Last issued on 2023-11-28

Validity 2028-11-28

Rafael GARCÍA MEIRO  
CEO



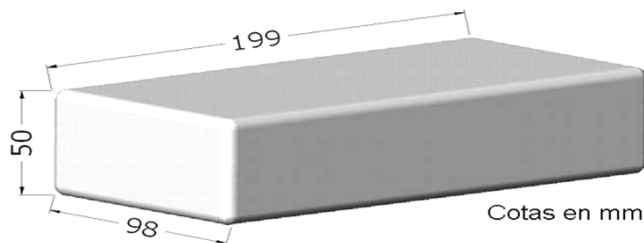
## AENOR TRADE MARK FOR CLAY PAVERS AND ACCESORIES

TECHNICAL FORM: 0831201

MANUFACTURER:	CERÁMICA MALPESA S.A.
MADE IN:	VILLANUEVA DE LA REINA (JAÉN)
PRODUCT DESCRIPTION:	CLAY PAVER of 199 x 98 x 50 EN 1344
BRAND NAME:	WHITE, BEIGE, GREY, ROSE
INTENDED USES:	Clay pavers for Flexible/Rigid laid paving of Internal floorings/External coverings/Roof coverings. Suitable for vehicular circulation areas



## PIECE SKETCH



## TECHNICAL CHARACTERISTICS

Characteristic		Test method	REQUIRED VALUES											
			Manufacturer ensured values				AENOR required values				EN 1344			
Work dimensions	l/t	Annex B EN 1344	$\leq 4$				$\leq 6$				$\leq 6$			
	thickness (mm)		$\geq 50$				$\geq 40$				$\geq 40$			
Dimensional tolerances (mm)	Deviation (d)	Annex B EN 1344	$\pm 4$				$\pm 4$				$\pm 6$			
			$\pm 3$				$\pm 3$				$\pm 4$			
			$\pm 2$				$\pm 2$				$\pm 3$			
	Range		Class Rm ( $\leq 7$ )				Class Rm ( $\leq 7$ )				Class R1 ( $\leq 8$ )			
			Class Rm ( $\leq 5$ )				Class Rm ( $\leq 5$ )				Class R1 ( $\leq 6$ )			
			Class Rm ( $\leq 4$ )				Class Rm ( $\leq 4$ )				Class R1 ( $\leq 4$ )			
Freeze/thaw resistance	Class FP100	Annex C EN 1344	Resistent				Resistent							
Transverse breaking load (N/mm)	Class T4	Annex D EN 1344	Mean value $\geq 80$	Minimum value $\geq 64$	Mean value $\geq 80$	Minimum value $\geq 64$	Mean value $\geq 80$	Minimum value $\geq 64$	Mean value $\geq 80$	Minimum value $\geq 64$	Mean value $\geq 80$	Minimum value $\geq 64$		
Abrasion resistance (mean abraded volumen in mm <sup>3</sup> )	Class A3	Annex E EN 1344	$\leq 450$											
Slip/skip resistance (USRV value)	Class U2	4.2.5.2 EN 1344 Annex C CEN/TS 16165	$\geq 45$											
Acid resistance (% loss in mass)	Class C	Annex F EN 1344	$\leq 7$											
Thermal conductivity	Clay paver density (kg/m <sup>3</sup> )	EN 772-13	2200 $\pm$ 10 %								N/A			
	$\lambda_{10, dry}$ [W/(m·K)] (P=50%)	Table A.1 EN 1745	0,67											
Chamfer > 7 mm			Yes				No	X						
Post firing chemical treatment			Yes				No	X						
Reaction to fire			Class A1 <sub>FL</sub> , without test											
External fire performance			Class B <sub>ROOF</sub> , without test											

## Accessory units:

Diferent types of accesories are made

## Remarks:

 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)

Stamp and signature: