



PRODUCT TECHNICAL DATA SHEET



TECHNICAL DATA SHEET NO.: 10133001	DATE: 12.06.2008
MANUFACTURER: ECOPIEDRA, S.L	PRESENTATION: CAJA DE 1,20m ²
CITY: LOECHES	



DESIGNATION OF THE MODEL:	CASTILLO IBÉRICO GRIS TIERRA STANDARD
MASS COLOURING:	GRIS TIERRA
THICKNESS:	Entre 30 y 40mm
NOMINAL DIMENSIONS:	INDIVIDUAL PIECES, VARIABLE DIMENSIONS

TECHNICAL CHARACTERISTICS	TEST METHOD	VALUES GUARANTEED BY THE MANUFACTURER	TOLERANCES
Appearance and colour.			
Changes in design colour.	Visual	Not accepted	--
Changes in design appearance of the face.	Visual	Not accepted	--
Dimensional characteristics.			
Maximum thickness.	UNE EN 14617-16 ECO-PE-08	36,0	± 5mm
Minimum thickness.	UNE EN 14617-16 ECO-PE-08	26,0	± 5mm
Physical Characteristics.			
Water absorption.	UNE EN 14617-1	11,3	10 ± 2 %
Apparent density.	UNE EN 14617-1	1600	Kg/m ³
Efflorescence*.	UNE 67029	Non - Efflorescent	--
Mechanical characteristics.			
Durability (Frost susceptibility).	UNE EN 14617-5	Non- Frost Susceptibility (NFS)	--
Compressive strength.	UNE EN 1015-11	28	± 2 MPa
Flexural strength	UNE EN 1015-11	4,5	± 0,5 MPa
Thermal shock resistance.	UNE EN 14617-6	No changes in appearance of the face	--
Adherence*.	UNE EN 1348	> 1,0	± 0,5 MPa
Adherence**.	UNE EN 1015-12	0,45	± 0,05 MPa
TECHNICAL BUILDING CODE			
Fire resistance.	EN ISO 1716:02 EN ISO 1182:02	CLASE A1*	CLASE A1*
Acoustic insulation.	UNE EN ISO 140-3 UNE EN ISO 140-16	5 - 24	dB
Thermal resistance (R)	UNE EN 12667:02	0,05-0,10	m ² .K/W
Thermal conductivity (λ)		0,376	W/m. K
Transmittance (U)		20,00-10,00	W/m ² .K

* Adhesive Cement recommended by ECOPIEDRA, S.L.

** Mortar for Joints recommended by ECOPIEDRA, S.L.

*** At www.ecopiedra.com, in Data Sheets, see the sound reduction improvement Index for different construction solutions.

Quality Department

ECOPIEDRA, S.L.

IF-10/00