



PRODUCT TECHNICAL DATA SHEET



TECHNICAL DATA SHEET NO.: 10041102	DATE: 12.06.2008
MANUFACTURER: ECOPIEDRA, S.L	PRESENTATION: CAJA DE 2,50ml
CITY: LOECHES	



DESIGNATION OF THE MODEL:	SIERRA BLANCO TIERRA ESQUINAS
MASS COLOURING:	BLANCO TIERRA
THICKNESS:	Entre 20 y 60mm
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. (Corners)			
Angle deviation.	ECO-PE-08	2,8	≤ 5mm
Maximum thickness.	UNE EN 14617-16 ECO-PE-08	58,7	± 5mm
Minimum thickness.	UNE EN 14617-16 ECO-PE-08	20,0	± 5mm
Physical Characteristics.			
Water absorption.	UNE EN 14617-1	10,2	10 ± 2 %
Apparent density.	UNE EN 14617-1	1500	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	28,0	± 2MPa
Flexural strength	UNE EN 1015-11	4,5	± 0,5MPa
Thermal shock resistance.	UNE EN 14617-6	No changes in appearance of the face	--
Adherence*.	UNE EN 1348	> 1,0	± 0,5MPa
Adherence**.	UNE EN 1015-12	0,42	± 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) Thermal conductivity (λ) Transmittance (U)	UNE EN 12667:02	0,05-0,15 0,376 20,00-6,67	m ² .K/W W/m. K 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-12/00