



## PRODUCT TECHNICAL DATA SHEET



ER-0564/2009

TECHNICAL DATA SHEET NO.: 10053002	DATE: 12.06.2008
MANUFACTURER: ECOPIEDRA, S.L	PRESENTATION: CAJA DE 0,90m <sup>2</sup>
CITY: LOECHES	



DESIGNATION OF THE MODEL:	CASCADE GRIS TIERRA STANDARD
MASS COLOURING:	GRIS TIERRA
THICKNESS:	Entre 20 y 70mm
NOMINAL DIMENSIONS:	INDIVIDUAL PIECES, VARIABLE DIMENSIONS

TECHNICAL CHARACTERISTICS	TEST METHOD	VALUES GUARANTEED BY THE MANUFACTURER	TOLERANCES
<b>Appearance and colour.</b>			
Changes in design colour.	Visual	Not accepted	--
Changes in design appearance of the face.	Visual	Not accepted	--
<b>Dimensional characteristics.</b>			
Maximum thickness.	UNE EN 14617-16 ECO-PE-08	66,0	± 5mm
Minimum thickness.	UNE EN 14617-16 ECO-PE-08	16,0	± 5mm
<b>Physical Characteristics.</b>			
Water absorption.	UNE EN 14617-1	11,3	10 ± 2 %
Apparent density.	UNE EN 14617-1	1600	Kg/m <sup>3</sup>
Efflorescence*.	UNE 67029	Non - Efflorescent	--
<b>Mechanical characteristics.</b>			
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	0,48	± 0,05 MPa
<b>TECHNICAL BUILDING CODE</b>			
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 <sup>2</sup> .K/W W/m. K W/m <sup>2</sup> .K

\* Adhesive Cement recommended by ECOPIEDRA, S.L.

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

\*\*\* At [www.ecopiedra.com](http://www.ecopiedra.com), in Data Sheets, see the sound reduction improvement Index for different construction solutions.

Quality Department

ECOPIEDRA, S.L.

IF-10/00