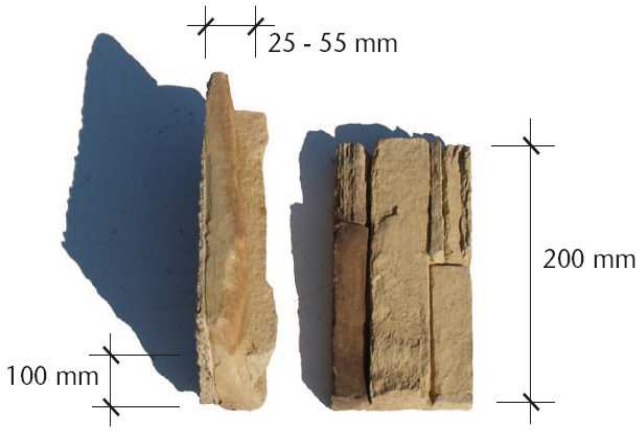
PRODUCT TECHNICAL DATA SHEET

TECHNICAL DATA SHEET NO.: 10012001	DATE: 12.06.2008
MANUFACTURER: ECOPIEDRA, S.L	PRESENTATION: CAJA DE 0,6m^2
CITY: LOECHES	



DESIGNATION OF THE MODEL:	LAJA MARRÓN STANDARD
MASS COLOURING:	MARRÓN
THICKNESS:	Entre 25 y 55mm
NOMINAL DIMENSIONS:	200x100mm

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.			
Length of flat pieces.	UNE EN 14617-16	200,0	± 5 mm
Width of flat pieces.	UNE EN 14617-16	100,0	± 5 mm
Thickness of flat pieces.	UNE EN 14617-16	53,0	± 5 mm
Physical Characteristics.			
Water absorption.	UNE EN 14617-1	11,9	12 ± 2 %
Apparent density.	UNE EN 14617-1	1600	Kg/m^3
Efflorescence*.	UNE 67029 ECO-PE-08	Non - Efflorescent	--
Mechanical characteristics.			
Durability (Frost susceptibility).	UNE EN 14617-5	Non – Frost Susceptibility (NFS)	--
Compressive strength.	UNE EN 1015-11	28,0	± 2 MPa
Flexural strength	UNE EN 14617-2 ECO-PE-10	6,2	± 1 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	No applicable	--
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	0,05-0,10 0,376 20,00-10,00	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

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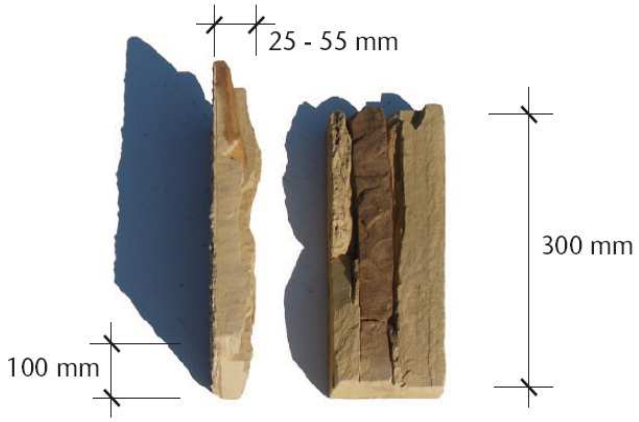

DESIGNATION OF THE MODEL:	LAJA MARRÓN STANDARD
MASS COLOURING:	MARRÓN
THICKNESS:	Entre 25 y 55mm
NOMINAL DIMENSIONS:	300 X 100mm

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.			
Length of flat pieces.	UNE EN 14617-16	300,0	± 5 mm
Width of flat pieces.	UNE EN 14617-16	100,0	± 5 mm
Thickness of flat pieces.	UNE EN 14617-16	54,0	± 5 mm
Physical Characteristics.			
Water absorption.	UNE EN 14617-1	12,4	12 ± 2 %
Apparent density.	UNE EN 14617-1	1600	Kg/m^3
Efflorescence*.	UNE 67029 ECO-PE-08	Non - Efflorescent	--
Mechanical characteristics.			
Durability (Frost susceptibility).	UNE EN 14617-5	Non – Frost Susceptibility (NFS)	--
Compressive strength.	UNE EN 1015-11	28,0	± 2 Mpa
Flexural strength	UNE EN 14617-2 ECO-PE-10	6,2	± 1 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	No applicable	--
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	0,05-0,10 0,376 20,00-10,00	m^2.K/W W/m. K W/m^2.K

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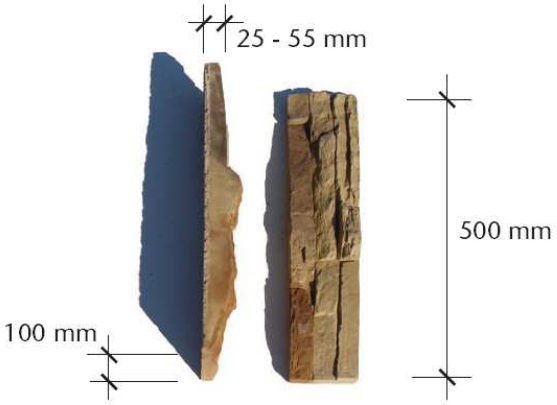

DESIGNATION OF THE MODEL:	LAJA MARRÓN STANDARD
MASS COLOURING:	MARRÓN
THICKNESS:	Entre 25 y 55mm
NOMINAL DIMENSIONS:	500 X 100mm

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.			
Length of flat pieces.	UNE EN 14617-16	502,0	± 5 mm
Width of flat pieces.	UNE EN 14617-16	100,0	± 5 mm
Thickness of flat pieces.	UNE EN 14617-16	56,0	± 5 mm
Physical Characteristics.			
Water absorption.	UNE EN 14617-1	13,0	12 ± 2 %
Apparent density.	UNE EN 14617-1	1600	Kg/m^3
Efflorescence*.	UNE 67029 ECO-PE-08	Non - Efflorescent	--
Mechanical characteristics.			
Durability (Frost susceptibility).	UNE EN 14617-5	Non – Frost Susceptibility (NFS)	--
Compressive strength.	UNE EN 1015-11	28,0	± 2 Mpa
Flexural strength	UNE EN 14617-2 ECO-PE-10	6,2	± 1 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	No applicable	--
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	0,05-0,10 0,376 20,00-10,00	m^2.K/W W/m. K W/m^2.K

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