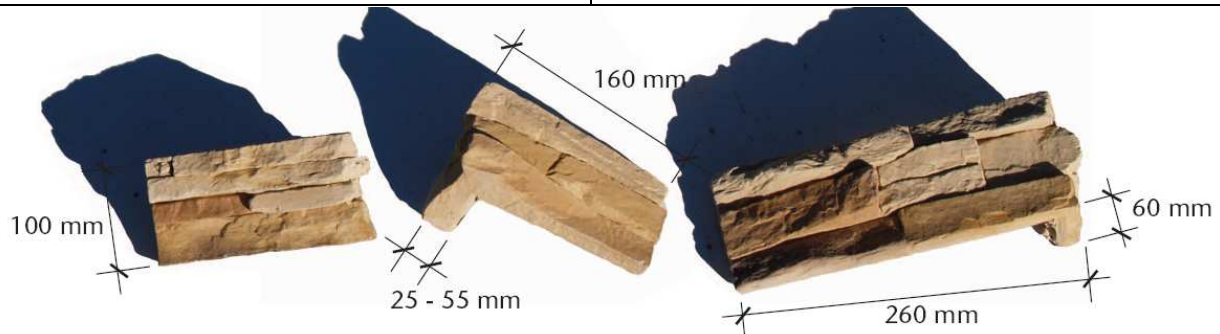


PRODUCT TECHNICAL DATA SHEET

TECHNICAL DATA SHEET NO.: 10012102	DATE: 12.06.2008
MANUFACTURER: ECOPIEDRA, S.L	PRESENTATION: CAJA DE 1,5ml
CITY: LOECHES	



DESIGNATION OF THE MODEL:	LAJA MARRÓN TIERRA ESQUINA
MASS COLOURING:	MARRÓN TIERRA
THICKNESS:	Entre 25 y 55mm
NOMINAL DIMENSIONS:	160 x 60 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.			
Angle deviation.	UNE EN 14617-16 ECO-PE- 09	3,3	≤ 5,0mm
Side length (long).	UNE EN 14617-16 ECO-PE- 09	161,0	± 5mm
Side length (short).	UNE EN 14617-16 ECO-PE- 09	62,0	± 5mm
Corner piece width.	UNE EN 14617-16 ECO-PE- 09	102,0	± 5mm
Corner piece thickness.	UNE EN 14617-16 ECO-PE- 09	55,0	± 5mm
Physical Characteristics.			
Water absorption.	UNE EN 14617-1	10,4	10 ± 2 %
Apparent density.	UNE EN 14617-1	1700	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 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	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)		0,05-0,10	m ² .K/W
Thermal conductivity (λ)	UNE EN 12667:02	0,376	W/m. K
Transmittance (U)		20,00-10,00	W/m ² .K

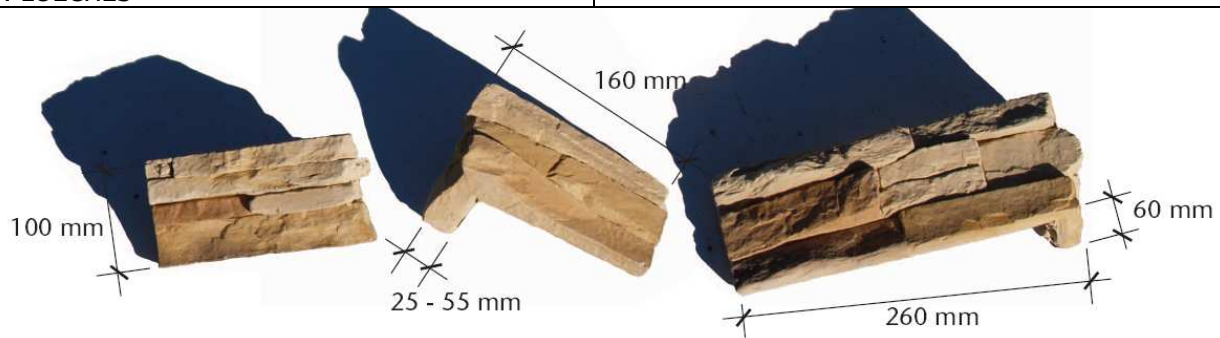
* Adhesive Cement recommended by ECOPIEDRA, S.L.

** 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.

PRODUCT TECHNICAL DATA SHEET

TECHNICAL DATA SHEET NO.: 10012102	DATE: 12.06.2008
MANUFACTURER: ECOPIEDRA, S.L	PRESENTATION: CAJA DE 1,5ml
CITY: LOECHES	



DESIGNATION OF THE MODEL:	LAJA MARRÓN TIERRA ESQUINA
MASS COLOURING:	MARRÓN TIERRA
THICKNESS:	Entre 25 y 55mm
NOMINAL DIMENSIONS:	260 X 60 X 100mm

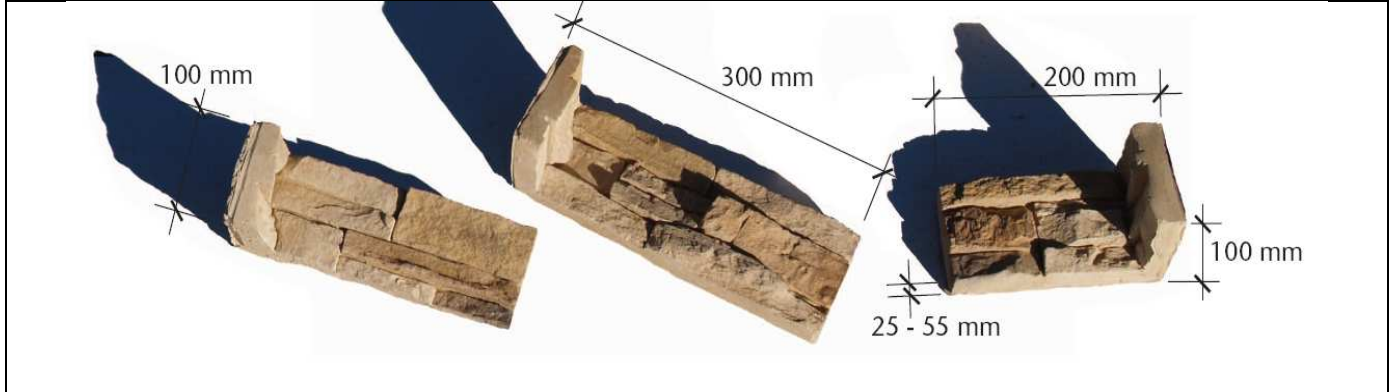
TECHNICAL CHARACTERISTICS	TEST METHOD	VALUES GUARANTEED BY THE MANUFACTURER	TOLERANCES
Appearance and colour.			
Changes in design colour.	Visual	Not accepted	--
Changes in design appearance of the face.	Visual	Not accepted	--
Dimensional characteristics.			
Angle deviation.	UNE EN 14617-16 ECO-PE- 09	2,8	≤ 5,0mm
Side length (long).	UNE EN 14617-16 ECO-PE- 09	261,0	± 5mm
Side length (short).	UNE EN 14617-16 ECO-PE- 09	62,0	± 5mm
Corner piece width.	UNE EN 14617-16 ECO-PE- 09	102,0	± 5mm
Corner piece thickness.	UNE EN 14617-16 ECO-PE- 09	53,0	± 5mm
Physical Characteristics.			
Water absorption.	UNE EN 14617-1	10,2	10 ± 2 %
Apparent density.	UNE EN 14617-1	1700	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 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	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)		0,05-0,10	m ² .K/W
Thermal conductivity (λ)	UNE EN 12667:02	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.

TECHNICAL DATA SHEET NO.: 10012107	DATE: 12.06.2008
MANUFACTURER: ECOPIEDRA, S.L	PRESENTATION: CAJA DE 1,5ml
CITY: LOECHES	



DESIGNATION OF THE MODEL:	LAJA MARRÓN TIERRA ESQUINA INTERIOR
MASS COLOURING:	MARRÓN TIERRA
THICKNESS:	Entre 25 y 55mm
NOMINAL DIMENSIONS:	200 X 100 x 100mm

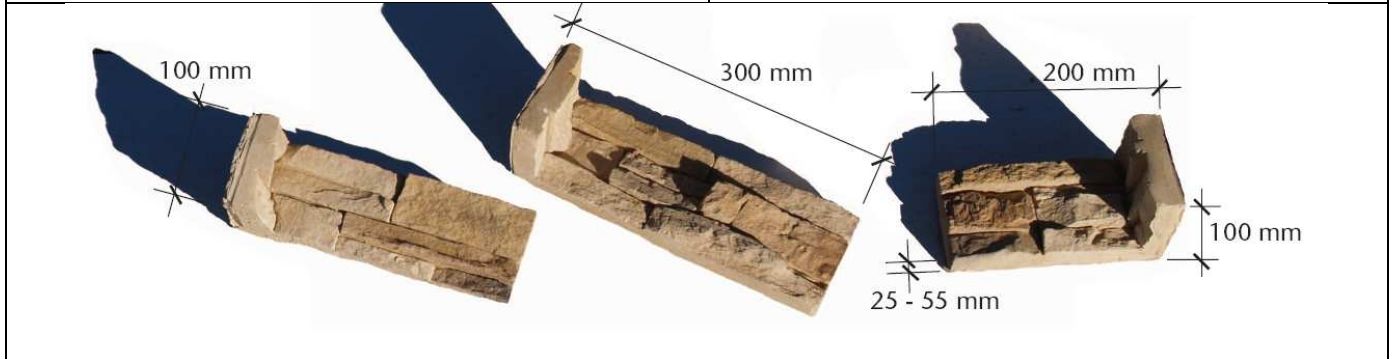
TECHNICAL CHARACTERISTICS	TEST METHOD	VALUES GUARANTEED BY THE MANUFACTURER	TOLERANCES
Appearance and colour.			
Changes in design colour.	Visual	Not accepted	--
Changes in design appearance of the face.	Visual	Not accepted	--
Dimensional characteristics.			
Angle deviation.	UNE EN 14617-16 ECO-PE- 09	1,8	≤ 5,0mm
Side length (long).	UNE EN 14617-16 ECO-PE- 09	199,0	± 5mm
Side length (short).	UNE EN 14617-16 ECO-PE- 09	103,0	± 5mm
Corner piece width.	UNE EN 14617-16 ECO-PE- 09	99,0	± 5mm
Corner piece thickness.	UNE EN 14617-16 ECO-PE- 09	52,5	± 5mm
Physical Characteristics.			
Water absorption.	UNE EN 14617-1	10,4	10 ± 2 %
Apparent density.	UNE EN 14617-1	1800	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 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	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)		0,05-0,10	m ² .K/W
Thermal conductivity (λ)	UNE EN 12667:02	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.

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TECHNICAL DATA SHEET NO.: 10012107	DATE: 12.06.2008
MANUFACTURER: ECOPIEDRA, S.L	PRESENTATION: CAJA DE 1,5ml
CITY: LOECHES	



DESIGNATION OF THE MODEL:	LAJA MARRÓN TIERRA ESQUINA INTERIOR
MASS COLOURING:	MARRÓN TIERRA
THICKNESS:	Entre 25 y 55mm
NOMINAL DIMENSIONS:	300 X 100X 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.			
Angle deviation.	UNE EN 14617-16 ECO-PE- 09	2,5	≤ 5,0mm
Side length (long).	UNE EN 14617-16 ECO-PE- 09	299,0	± 5mm
Side length (short).	UNE EN 14617-16 ECO-PE- 09	104,0	± 5mm
Corner piece width.	UNE EN 14617-16 ECO-PE- 09	100,0	± 5mm
Corner piece thickness.	UNE EN 14617-16 ECO-PE- 09	54,0	± 5mm
Physical Characteristics.			
Water absorption.	UNE EN 14617-1	10,3	10 ± 2 %
Apparent density.	UNE EN 14617-1	1800	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 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	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.

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TECHNICAL DATA SHEET NO.: 10012105	DATE: 12.06.2008
MANUFACTURER: ECOPIEDRA, S.L	PRESENTATION: CAJA DE 1,5ml
CITY: LOECHES	



DESIGNATION OF THE MODEL:	LAJA MARRÓN TIERRA ESQUINA 135°
MASS COLOURING:	MARRÓN TIERRA
THICKNESS:	Entre 25 y 55mm
NOMINAL DIMENSIONS:	160 X 60 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.			
Angle deviation.	UNE EN 14617-16 ECO-PE- 09	3,1	≤ 5,0mm
Side length (long).	UNE EN 14617-16 ECO-PE- 09	157,0	± 5mm
Side length (short).	UNE EN 14617-16 ECO-PE- 09	60,0	± 5mm
Corner piece width.	UNE EN 14617-16 ECO-PE- 09	100,0	± 5mm
Corner piece thickness.	UNE EN 14617-16 ECO-PE- 09	54,0	± 5mm
Physical Characteristics.			
Water absorption.	UNE EN 14617-1	10,4	10 ± 2 %
Apparent density.	UNE EN 14617-1	1700	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 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	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.

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PRODUCT TECHNICAL DATA SHEET



TECHNICAL DATA SHEET NO.: 10012105	DATE: 12.06.2008
MANUFACTURER: ECOPIEDRA, S.L	PRESENTATION: CAJA DE 1,5ml
CITY: LOECHES	



DESIGNATION OF THE MODEL:	LAJA MARRÓN TIERRA ESQUINA 135°
MASS COLOURING:	MARRÓN TIERRA
THICKNESS:	Entre 25 y 55mm
NOMINAL DIMENSIONS:	260 X 60 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.			
Angle deviation.	UNE EN 14617-16 ECO-PE- 09	2,7	≤ 5,0mm
Side length (long).	UNE EN 14617-16 ECO-PE- 09	258,0	± 5mm
Side length (short).	UNE EN 14617-16 ECO-PE- 09	56,0	± 5mm
Corner piece width.	UNE EN 14617-16 ECO-PE- 09	99,0	± 5mm
Corner piece thickness.	UNE EN 14617-16 ECO-PE- 09	52,5	± 5mm
Physical Characteristics.			
Water absorption.	UNE EN 14617-1	10,2	10 ± 2 %
Apparent density.	UNE EN 14617-1	1700	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 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	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)		0,05-0,10	m ² .K/W
Thermal conductivity (λ)	UNE EN 12667:02	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.

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Quality Department

ECOPIEDRA, S.L.

IF-9/00