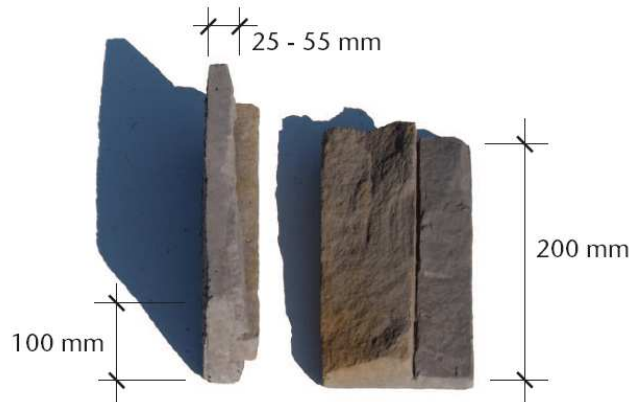




## PRODUCT TECHNICAL DATA SHEET

TECHNICAL DATA SHEET NO.:10013001	DATE: 12.06.2008
MANUFACTURER: ECOPIEDRA, S.L	PRESENTATION: CAJA DE 0,6m <sup>2</sup>
CITY: LOECHES	



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

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>			
Length of flat pieces.	UNE EN 14617-16	199,0	± 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
<b>Physical Characteristics.</b>			
Water absorption.	UNE EN 14617-1	12,6	12 ± 2 %
Apparent density.	UNE EN 14617-1	1600	Kg/m <sup>3</sup>
Efflorescence*.	UNE 67029 ECO-PE-08	Non - Efflorescent	--
<b>Mechanical characteristics.</b>			
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	--
<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)		0,05-0,10	m <sup>2</sup> .K/W
Thermal conductivity (λ)	UNE EN 12667:02	0,376	W/m. K
Transmittance (U)		20,00-10,00	W/m <sup>2</sup> .K

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

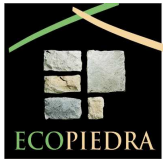
\*\* Mortar for Joints recommended by ECOPIEDRA, S.L.

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

Quality Department

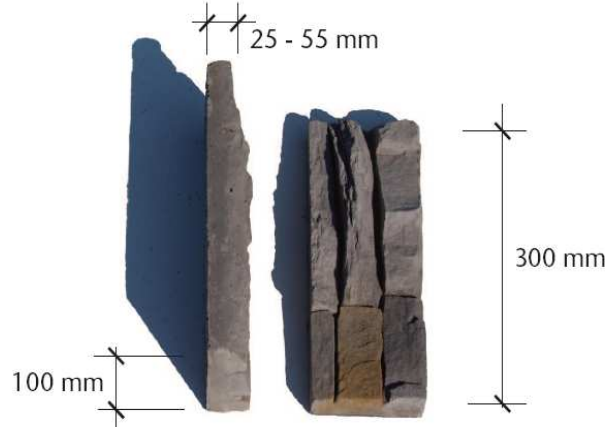
ECOPIEDRA, S.L.

IF-8/00



## PRODUCT TECHNICAL DATA SHEET

TECHNICAL DATA SHEET NO.: 10013001	DATE: 12.06.2008
MANUFACTURER: ECOPIEDRA, S.L	PRESENTATION: CAJA DE 0,6m <sup>2</sup>
CITY: LOECHES	



DESIGNATION OF THE MODEL:	LAJA GRIS STANDARD
MASS COLOURING:	GRIS
THICKNESS:	Entre 25 y 55mm
NOMINAL DIMENSIONS:	300x100mm

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>			
Length of flat pieces.	UNE EN 14617-16	298,0	± 5 mm
Width of flat pieces.	UNE EN 14617-16	99,0	± 5 mm
Thickness of flat pieces.	UNE EN 14617-16	53,0	± 5 mm
<b>Physical Characteristics.</b>			
Water absorption.	UNE EN 14617-1	12,5	12 ± 2 %
Apparent density.	UNE EN 14617-1	1700	Kg/m <sup>3</sup>
Efflorescence*.	UNE 67029 ECO-PE-08	Non - Efflorescent	--
<b>Mechanical characteristics.</b>			
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	--
<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)	UNE EN 12667:02	0,05-0,10	m <sup>2</sup> .K/W
Thermal conductivity (λ)		0,376	W/m. K
Transmittance (U)		20,00-10,00	W/m <sup>2</sup> .K

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

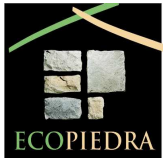
\*\* Mortar for Joints recommended by ECOPIEDRA, S.L.

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

Quality Department

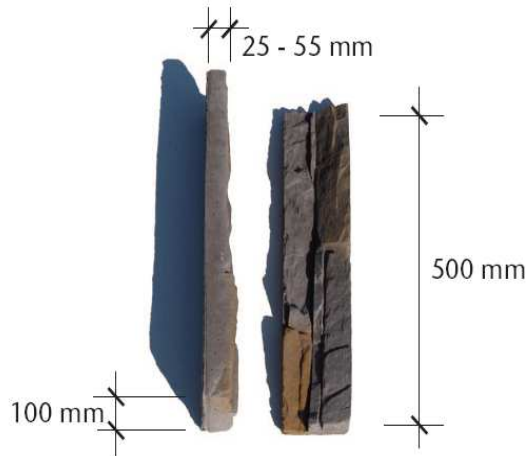
ECOPIEDRA, S.L.

IF-8/00



## PRODUCT TECHNICAL DATA SHEET

TECHNICAL DATA SHEET NO.: 10013001	DATE: 12.06.2008
MANUFACTURER: ECOPIEDRA, S.L	PRESENTATION: CAJA DE 0,6m <sup>2</sup>
CITY: LOECHES	



DESIGNATION OF THE MODEL:	LAJA GRIS STANDARD
MASS COLOURING:	GRIS
THICKNESS:	Entre 25 y 55mm
NOMINAL DIMENSIONS:	500x100mm

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>			
Length of flat pieces.	UNE EN 14617-16	501,0	± 5 mm
Width of flat pieces.	UNE EN 14617-16	100,0	± 5 mm
Thickness of flat pieces.	UNE EN 14617-16	52,0	± 5 mm
<b>Physical Characteristics.</b>			
Water absorption.	UNE EN 14617-1	12,5	12 ± 2 %
Apparent density.	UNE EN 14617-1	1600	Kg/m <sup>3</sup>
Efflorescence*.	UNE 67029 ECO-PE-08	Non - Efflorescent	--
<b>Mechanical characteristics.</b>			
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	--
<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	0,05-0,10 0,376 20,00-10,00	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-8/00