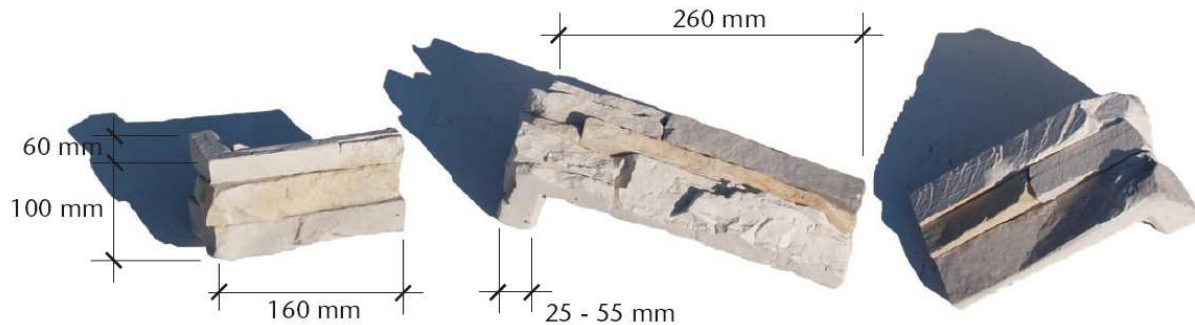




## PRODUCT TECHNICAL DATA SHEET

TECHNICAL DATA SHEET NO.: 10011102	DATE: 12.06.2008
MANUFACTURER: ECOPIEDRA, S.L	PRESENTATION: CAJA DE 1,5ml
CITY: LOECHES	



DESIGNATION OF THE MODEL:	LAJA GLACIAR ESQUINA
MASS COLOURING:	GLACIAR
THICKNESS:	Entre 25 y 55mm
NOMINAL DIMENSIONS:	160 x 60 x 100mm

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>			
Angle deviation.	UNE EN 14617-16 ECO-PE- 09	2,7	≤ 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	61,0	± 5mm
Corner piece width.	UNE EN 14617-16 ECO-PE- 09	96,0	± 5mm
Corner piece thickness.	UNE EN 14617-16 ECO-PE- 09	53,0	± 5mm
<b>Physical Characteristics.</b>			
Water absorption.	UNE EN 14617-1	10,1	10 ± 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 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	--
<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)		0,376	W/m. K
Transmittance (U)	UNE EN 12667:02	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.

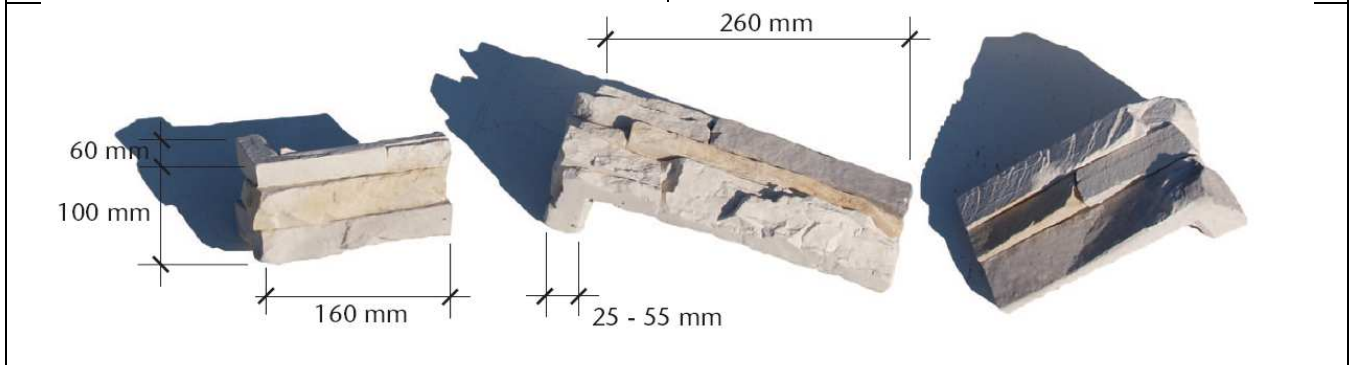
IF-9/00



## PRODUCT TECHNICAL DATA SHEET



TECHNICAL DATA SHEET NO.: 10011102	DATE: 12.06.2008
MANUFACTURER: ECOPIEDRA, S.L	PRESENTATION: CAJA DE 1,5ml
CITY: LOECHES	



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

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>			
Angle deviation.	UNE EN 14617-16 ECO-PE- 09	3,0	≤ 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	60,0	± 5mm
Corner piece width.	UNE EN 14617-16 ECO-PE- 09	96,0	± 5mm
Corner piece thickness.	UNE EN 14617-16 ECO-PE- 09	53,0	± 5mm
<b>Physical Characteristics.</b>			
Water absorption.	UNE EN 14617-1	10,2	10 ± 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 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	--
<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

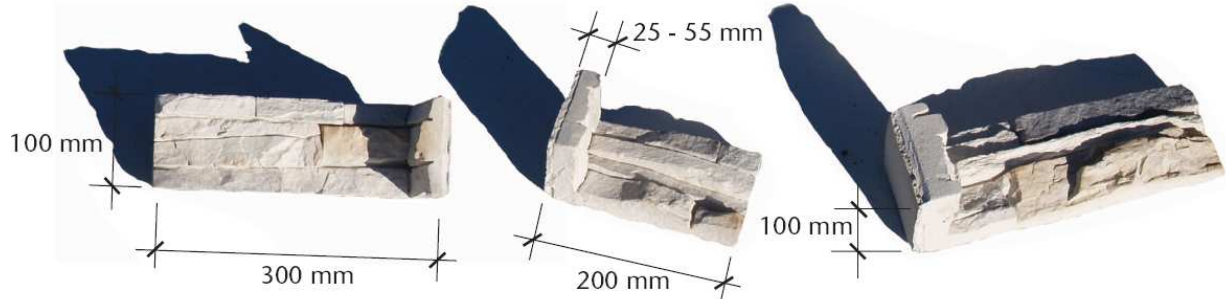
\* Adhesive Cement recommended by ECOPIEDRA, S.L.

\*\* 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

TECHNICAL DATA SHEET NO.: 10011107	DATE: 12.06.2008
MANUFACTURER: ECOPIEDRA, S.L	PRESENTATION: CAJA DE 1,5ml
CITY: LOECHES	



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

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>			
Angle deviation.	UNE EN 14617-16 ECO-PE- 09	3,2	≤ 5,0mm
Side length (long).	UNE EN 14617-16 ECO-PE- 09	201,0	± 5mm
Side length (short).	UNE EN 14617-16 ECO-PE- 09	102,0	± 5mm
Corner piece width.	UNE EN 14617-16 ECO-PE- 09	101,0	± 5mm
Corner piece thickness.	UNE EN 14617-16 ECO-PE- 09	52,0	± 5mm
<b>Physical Characteristics.</b>			
Water absorption.	UNE EN 14617-1	10,4	10 ± 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 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	--
<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.

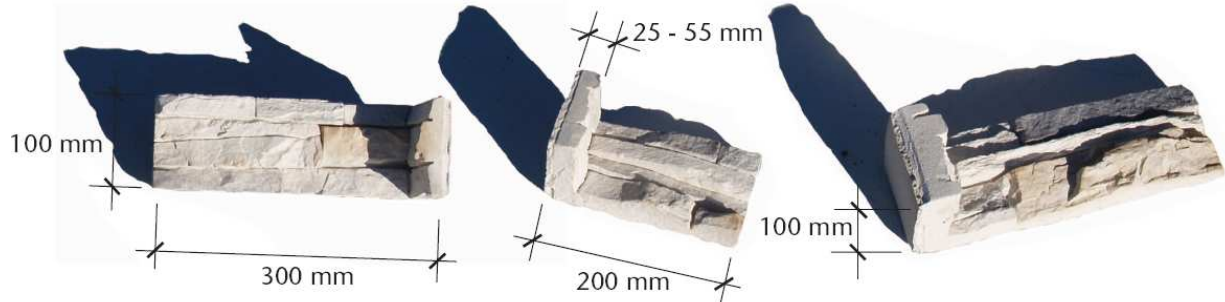
\*\*\* At [www.ecopiedra.com](http://www.ecopiedra.com), in Data Sheets, see the sound reduction improvement Index for different construction solutions.



## PRODUCT TECHNICAL DATA SHEET



TECHNICAL DATA SHEET NO.: 10011107	DATE: 12.06.2008
MANUFACTURER: ECOPIEDRA, S.L	PRESENTATION: CAJA DE 1,5ml
CITY: LOECHES	



DESIGNATION OF THE MODEL:	LAJA GLACIAR ESQUINA INTERIOR
MASS COLOURING:	GLACIAR
THICKNESS:	Entre 25 y 55mm
NOMINAL DIMENSIONS:	300 X 100 X 100mm

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>			
Angle deviation.	UNE EN 14617-16 ECO-PE- 09	3,1	≤ 5,0mm
Side length (long).	UNE EN 14617-16 ECO-PE- 09	300,0	± 5mm
Side length (short).	UNE EN 14617-16 ECO-PE- 09	102,0	± 5mm
Corner piece width.	UNE EN 14617-16 ECO-PE- 09	101,0	± 5mm
Corner piece thickness.	UNE EN 14617-16 ECO-PE- 09	53,5	± 5mm
<b>Physical Characteristics.</b>			
Water absorption.	UNE EN 14617-1	9,3	10 ± 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 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	--
<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

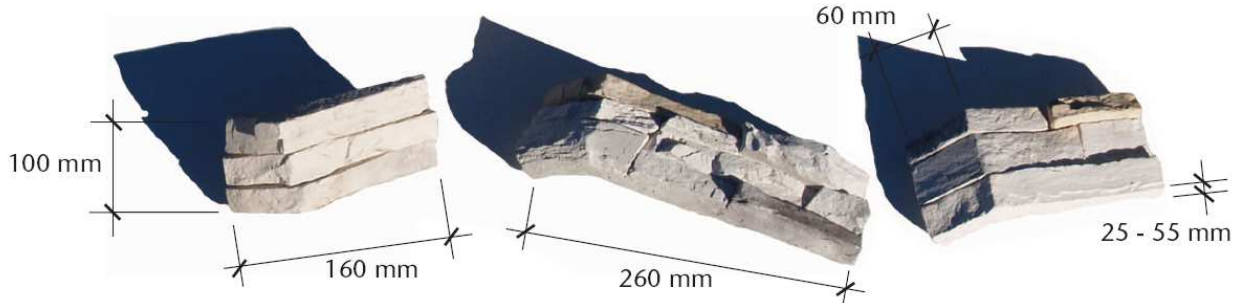
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## PRODUCT TECHNICAL DATA SHEET



TECHNICAL DATA SHEET NO.: 10011104	DATE: 12.06.2008
MANUFACTURER: ECOPIEDRA, S.L	PRESENTATION: CAJA DE 1,5ml
CITY: LOECHES	



DESIGNATION OF THE MODEL:	LAJA GLACIAR ESQUINA 135°
MASS COLOURING:	GLACIAR
THICKNESS:	Entre 25 y 55mm
NOMINAL DIMENSIONS:	160 X 60 X 100mm

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>			
Angle deviation.	UNE EN 14617-16 ECO-PE- 09	3,1	≤ 5,0mm
Side length (long).	UNE EN 14617-16 ECO-PE- 09	160,0	± 5mm
Side length (short).	UNE EN 14617-16 ECO-PE- 09	59,0	± 5mm
Corner piece width.	UNE EN 14617-16 ECO-PE- 09	100,0	± 5mm
Corner piece thickness.	UNE EN 14617-16 ECO-PE- 09	53,0	± 5mm
<b>Physical Characteristics.</b>			
Water absorption.	UNE EN 14617-1	10,2	10 ± 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 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	--
<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.

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Quality Department

ECOPIEDRA, S.L.

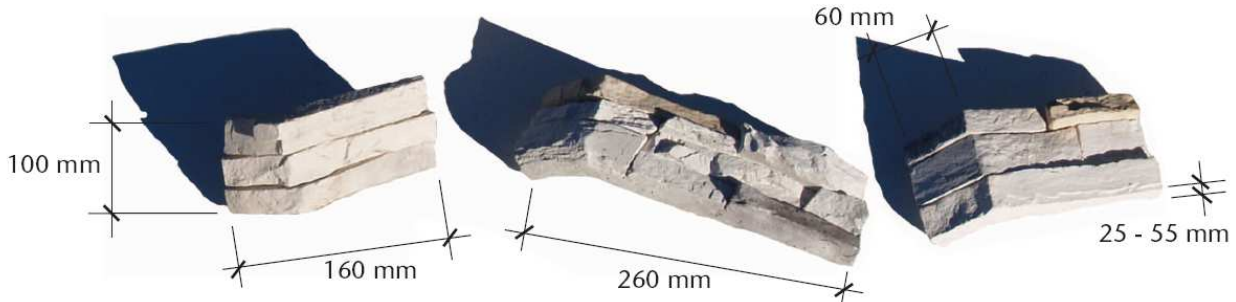
IF-9/00



## PRODUCT TECHNICAL DATA SHEET



TECHNICAL DATA SHEET NO.: 10011104	DATE: 12.06.2008
MANUFACTURER: ECOPIEDRA, S.L	PRESENTATION: CAJA DE 1,5ml
CITY: LOECHES	



DESIGNATION OF THE MODEL:	LAJA GLACIAR ESQUINA 135°
MASS COLOURING:	GLACIAR
THICKNESS:	Entre 25 y 55mm
NOMINAL DIMENSIONS:	260 X 60 X 100mm

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>			
Angle deviation.	UNE EN 14617-16 ECO-PE- 09	3,6	≤ 5,0mm
Side length (long).	UNE EN 14617-16 ECO-PE- 09	260,0	± 5mm
Side length (short).	UNE EN 14617-16 ECO-PE- 09	58,0	± 5mm
Corner piece width.	UNE EN 14617-16 ECO-PE- 09	100,0	± 5mm
Corner piece thickness.	UNE EN 14617-16 ECO-PE- 09	53,5	± 5mm
<b>Physical Characteristics.</b>			
Water absorption.	UNE EN 14617-1	10,3	10 ± 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 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	--
<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.

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Quality Department

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