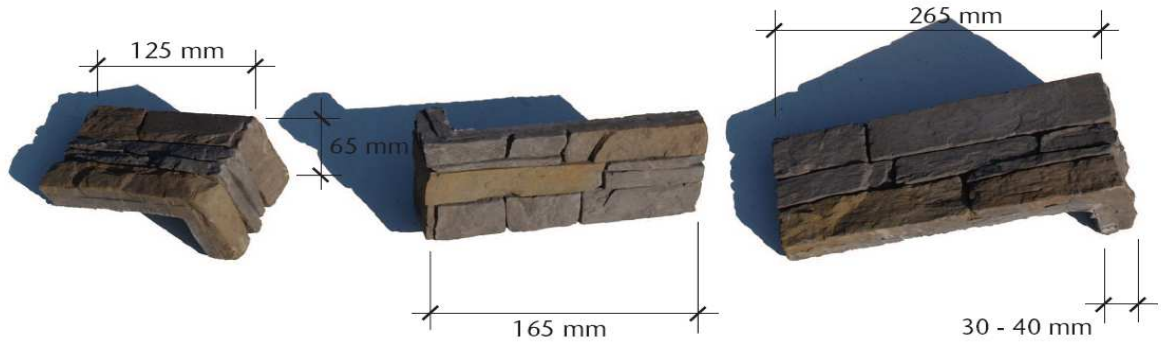
# PRODUCT TECHNICAL DATA SHEET

| | |
|---|---|
| TECHNICAL DATA SHEET NO.: 10153101 | DATE: 12.06.2008 |
| MANUFACTURER: ECOPIEDRA, S.L | PRESENTATION: CAJA DE 1,5ml |
| CITY: LOECHES | |




| | |
|---|---|
| DESIGNATION OF THE MODEL: | GALICIA COBRIZA ESQUINAS |
| MASS COLOURING: | COBRIZA |
| THICKNESS: | Entre 30 y 40mm |
| NOMINAL DIMENSIONS: | 165 X 65 X 125mm |

| 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 | 3,0 | ≤ 5,0mm |
| Side length (long). | UNE EN 14617-16 ECO-PE- 09 | 167,0 | ± 5mm |
| Side length (short). | UNE EN 14617-16 ECO-PE- 09 | 67,0 | ± 5mm |
| Corner piece width. | UNE EN 14617-16 ECO-PE- 09 | 124,0 | ± 5mm |
| Corner piece thickness. | UNE EN 14617-16 ECO-PE- 09 | 43,0 | ± 5mm |
| **Physical Characteristics.** | | | |
| Water absorption. | UNE EN 14617-1 | 10,5 | 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)<br>Thermal conductivity (λ)<br>Transmittance (U) | UNE EN 12667:02 | 0,05-0,10<br>0,376<br>20,00-10,00 | m$^2$.K/W<br>W/m. K<br>W/m$^2$.K |

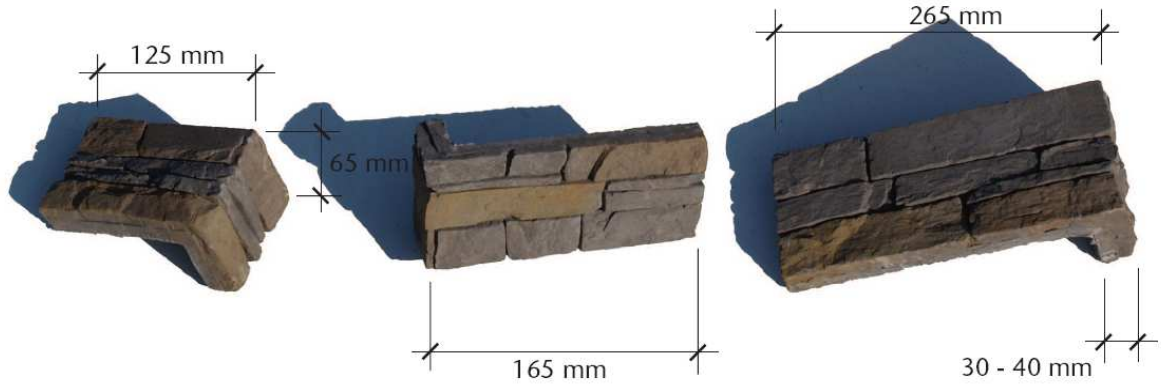
* Adhesive Cement recommended by ECOPIEDRA, S.L.
** Mortar for Joints recommended by ECOPIEDRA, S.L.
*** At www.ecopiedra.com, in Data Sheets, see the sound reduction improvement Index for different construction solutions.

Quality Department

ECOPIEDRA, S.L.

# PRODUCT TECHNICAL DATA SHEET

| | |
|---|---|
| TECHNICAL DATA SHEET NO.: 10153101 | DATE: 12.06.2008 |
| MANUFACTURER: ECOPIEDRA, S.L | PRESENTATION: CAJA DE 1,5ml |
| CITY: LOECHES | |




| | |
|---|---|
| DESIGNATION OF THE MODEL: | GALICIA COBRIZA ESQUINAS |
| MASS COLOURING: | COBRIZA |
| THICKNESS: | Entre 30 y 40mm |
| NOMINAL DIMENSIONS: | 265 X 65 X 125mm |

| 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 | 267,0 | ± 5mm |
| Side length (short). | UNE EN 14617-16 ECO-PE- 09 | 68,0 | ± 5mm |
| Corner piece width. | UNE EN 14617-16 ECO-PE- 09 | 125,0 | ± 5mm |
| Corner piece thickness. | UNE EN 14617-16 ECO-PE- 09 | 42,0 | ± 5mm |
| **Physical Characteristics.** | | | |
| Water absorption. | UNE EN 14617-1 | 10,1 | 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)<br>Thermal conductivity (λ)<br>Transmittance (U) | UNE EN 12667:02 | 0,05-0,10<br>0,376<br>20,00-10,00 | $m^2.K/W$<br>W/m. K<br>$W/m^2.K$ |

* 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

ECOPIEDRA, S.L.