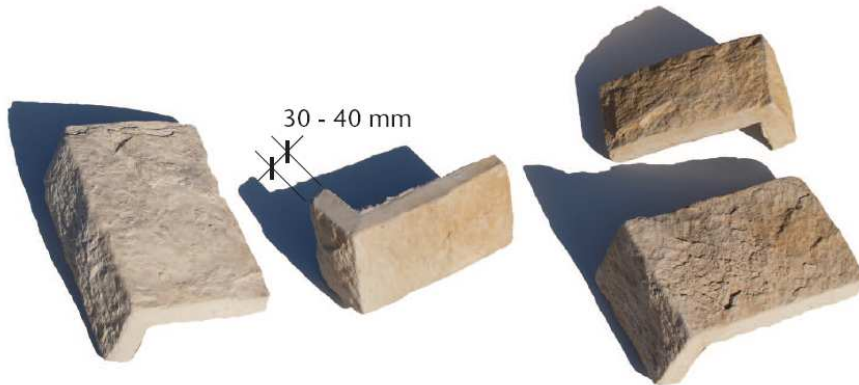




## PRODUCT TECHNICAL DATA SHEET



|                                   |                             |
|-----------------------------------|-----------------------------|
| TECHNICAL DATA SHEET NO.:10061102 | DATE: 12.06.2008            |
| MANUFACTURER: ECOPIEDRA, S.L      | PRESENTATION: CAJA DE 4,0ml |
| CITY: LOECHES                     |                             |



|                           |  |
|---------------------------|--|
| DESIGNATION OF THE MODEL: | CASTILLO INGLÉS BLANCO TIERRA ESQUINAS |
| MASS COLOURING:           | BLANCO TIERRA                          |
| THICKNESS:                | Entre 30 Y 40mm                        |
| NOMINAL DIMENSIONS:       | INDIVIDUAL PIECES, VARIABLE DIMENSIONS |

| 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. (Corners)</b> |                                       |                                       |                     |
| Angle deviation.                              | ECO-PE-08                             | 3,1                                   | ≤ 5mm               |
| Maximum thickness.                            | UNE EN 14617-16<br>ECO-PE-08          | 42,0                                  | ± 5mm               |
| Minimum thickness.                            | UNE EN 14617-16<br>ECO-PE-08          | 28,6                                  | ± 5mm               |
| <b>Physical Characteristics.</b>              |                                       |                                       |                     |
| Water absorption.                             | UNE EN 14617-1                        | 10,5                                  | 10 ± 2 %            |
| Apparent density.                             | UNE EN 14617-1                        | 1500                                  | Kg/m <sup>3</sup>   |
| Efflorescence*.                               | UNE 67029                             | 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                                  | ± 2MPa              |
| Flexural strength                             | UNE EN 1015-11                        | 4,5                                   | ± 0,5MPa            |
| Thermal shock resistance.                     | UNE EN 14617-6                        | No changes in appearance of the face  | --                  |
| Adherence*.                                   | UNE EN 1348                           | > 1,0                                 | ± 0,5MPa            |
| Adherence**.                                  | UNE EN 1015-12                        | 0,42                                  | ± 0,05 MPa          |
| <b>TECHNICAL BUILDING CODE</b>                |                                       |                                       |                     |
| Fire resistance.                              | EN ISO 1716:02<br>EN ISO 1182:02      | CLASE A1*                             | CLASE A1*           |
| Acoustic insulation.                          | UNE EN ISO 140-3<br>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

IF-12/00

ECOPIEDRA, S.L.