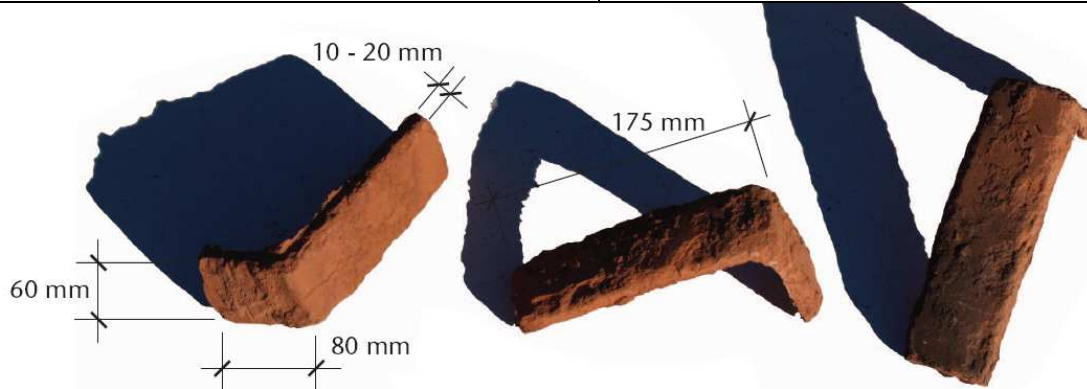




## PRODUCT TECHNICAL DATA SHEET

|                                    |                             |
|------------------------------------|-----------------------------|
| TECHNICAL DATA SHEET NO.: 11014101 | DATE: 12.06.2008            |
| MANUFACTURER: ECOPIEDRA, S.L       | PRESENTATION: CAJA DE 120ml |
| CITY: LOECHES                      |                             |



|                           |                                 |
|---------------------------|---------------------------------|
| DESIGNATION OF THE MODEL: | LADRILLO VIEJO RÚSTICO ESQUINAS |
| MASS COLOURING:           | RÚSTICO                         |
| THICKNESS:                | Entre 10 y 20mm                 |
| NOMINAL DIMENSIONS:       | 175 x 80 x 60mm                 |

| 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<br>ECO-PE- 09         | 2,7                                   | ≤ 5,0mm           |
| Side length (long).                       | UNE EN 14617-16<br>ECO-PE- 09         | 176,0                                 | ± 5mm             |
| Side length (short).                      | UNE EN 14617-16<br>ECO-PE- 09         | 81,0                                  | ± 5mm             |
| Corner piece width.                       | UNE EN 14617-16<br>ECO-PE- 09         | 61,0                                  | ± 5mm             |
| Corner piece thickness.                   | UNE EN 14617-16<br>ECO-PE- 09         | 21,0                                  | ± 5mm             |
| <b>Physical Characteristics.</b>          |                                       |                                       |                   |
| Water absorption.                         | UNE EN 14617-1                        | 8,0                                   | 8 ± 2 %           |
| Apparent density.                         | UNE EN 14617-1                        | 2000                                  | Kg/m <sup>3</sup> |
| Efflorescence*.                           | UNE 67029<br>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<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                |

\* 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.