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| TECHNICAL DATA SHEET NO.: 10062002 | DATE: 12.06.2008 |
| MANUFACTURER: ECOPIEDRA, S.L | PRESENTATION: CAJA DE 1,20m ² |
| CITY: LOECHES | |



| DESIGNATION OF THE MODEL: | | CASTILLO INGLÉS GRIS TIERRA STANDARD | |
|---|---------------------------------------|--|--|
| MASS COLOURING: | | GRIS TIERRA | |
| THICKNESS: | | Entre 30 y 40mm | |
| NOMINAL DIMENSIONS: | | INDIVIDUAL PIECES, VARIABLE DIMENSIONS | |
| 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. | | | |
| Maximum thickness. | UNE EN 14617-16 ECO-PE-08 | 37,0 | ± 5mm |
| Minimum thickness. | UNE EN 14617-16 ECO-PE-08 | 26,0 | ± 5mm |
| Physical Characteristics. | | | |
| Water absorption. | UNE EN 14617-1 | 10,7 | 10 ± 2 % |
| Apparent density. | UNE EN 14617-1 | 1500 | Kg/m ³ |
| Efflorescence*. | UNE 67029 | Non - Efflorescent | -- |
| Mechanical characteristics. | | | |
| Durability (Frost susceptibility). | UNE EN 14617-5 | Non- Frost Susceptibility (NFS) | -- |
| Compressive strength. | UNE EN 1015-11 | 28 | ± 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 | 0,41 | ± 0,05 MPa |
| 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) Thermal conductivity (λ) Transmittance (U) | UNE EN 12667:02 | 0,05-0,10 0,376 20,00-10,00 | m ² .K/W W/m. K 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.