



**MATHIOS  
REFRACTORIES S.A.**

**Product Specifications**

**Hand Made Stone Veneers**

|                                                                                            |                                                                                 |
|--------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| <b>Product Range:</b>                                                                      | <b>Sierra</b>                                                                   |
| <b>General Information:</b>                                                                | <b>Manufactured Stone Veneers for Interior &amp; Exterior Use</b>               |
| <b>Composition :</b>                                                                       | <b>Low Density Cement-Based Composite (ULW)</b>                                 |
| <b>Family:</b>                                                                             | <b>Mathios Stone</b>                                                            |
| <b>Color Variety:</b>                                                                      | <b>White, Cream, Amber, Earth, Gold, Olive, Silver Gray, Rusty, Gray, Black</b> |
| <b>Shape:</b>                                                                              | <b>Rectangular</b>                                                              |
| <b>Approximate Dimensions (cm):</b>                                                        |                                                                                 |
| Flat (Height/Length/Thickness)                                                             | H=10, L=20/35, T=1,8-2,5                                                        |
| Corner (Height/Length A/Length B/Thickness)                                                | H=10, L.a=8-9 L.b=16-17, T=1-2,5                                                |
| <b>Approximate Weight:</b>                                                                 |                                                                                 |
| Flat (kg/m <sup>2</sup> )                                                                  | ~ 26                                                                            |
| Corner (kg/m)                                                                              | ~ 7,7                                                                           |
| Glue (kg/m <sup>2</sup> )                                                                  | 5~ 8                                                                            |
| Grout (kg/m <sup>2</sup> )                                                                 | 0                                                                               |
| <b>FINAL PROPERTIES</b>                                                                    |                                                                                 |
| Gross Dry Density (kg/m <sup>3</sup> ) ( EN 772-13):                                       | 1800 (±7%)                                                                      |
| Compressive Strength (N/mm <sup>2</sup> ) ( EN 772-1):                                     | 35                                                                              |
| Flexural Strength (MPa) (EN 12372):                                                        | 6                                                                               |
| Frost Resistance after 56 cycles (EN 12371):                                               | Class 0 (56cycles)                                                              |
| Average Moisture absorption (EN 13755):                                                    | 9% (±1%)                                                                        |
| VOC Emissions (NF EN ISO 16000-3, NF ISO 16000-6 , NF EN ISO 16000-9, NF EN ISO 16000-11): | A+                                                                              |
| <b>Installation Instructions:</b>                                                          | <b>Please ask the latest revision of the Installation Instructions</b>          |
| <b>Reaction to fire:</b>                                                                   | <b>Euroclass A1</b>                                                             |

The above data are typical average values obtained in accordance with accepted European Norms and are subjected to normal manufacturing variations. They may not be regarded as binding specifications. All previously published product-information are replaced by the values stated here and thus become invalid.

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For further information and instructions of use please contact us.

