

# Product Technical Information Sheet

Carlton™

## Moorland Sandfaced

|  |  |                                   |                                   |
|--|--|-----------------------------------|-----------------------------------|
| Configuration (EN 771.1):              | <b>Vertically Perforated Clay Facing Brick</b> | Dimensions:                       | <b>215 x 102.5 x 65 mm</b>        |
| Compressive Strength:                  | <b>&gt;= 40</b> N/mm <sup>2</sup>              | Dimensional Tolerance:            | <b>T2</b>                         |
| Compressive Strength Category:         | <b>II</b>                                      | Dimensional Range:                | <b>R1</b>                         |
| Freeze/Thaw Resistance:                | <b>F2</b>                                      | Water Absorption:                 | <b>=&lt; 10</b> %                 |
| Soluble Salts Content Category:        | <b>S2</b>                                      | Initial Rate of Water Absorption: | <b>1.5</b> kg/m <sup>2</sup> .min |
| Reaction to Fire:                      | <b>Class A1</b>                                | Dangerous Substances:             | <b>N/A</b>                        |
| Thermal Conductivity (P = 50):         | <b>0.62</b> W/m.K                              | Thermal Resistance (P = 50):      | <b>0.17</b> m <sup>2</sup> .K/W   |
| Thermal Conductivity (P = 90):         | <b>0.69</b> W/m.K                              | Thermal Resistance (P = 90):      | <b>0.15</b> m <sup>2</sup> .K/W   |
| Void Percentage:                       | <b>26 - 30</b> %                               | Net Dry Density:                  | <b>2100</b> kg/m <sup>3</sup>     |
| Water Vapour Permeability Coefficient: | <b>50/100</b>                                  | Gross Dry Density:                | <b>1500</b> kg/m <sup>3</sup>     |
| Bond Strength (fixed value):           | <b>0.15</b> N/mm <sup>2</sup>                  | Density Tolerance:                | <b>D1</b>                         |
| Quantity per Pack:                     | <b>504</b>                                     | Recycled Content:                 | <b>0</b> %                        |
| Product Weight:                        | <b>2.103</b> kg                                | DoP common root reference code:   | <b>--CT65FABR--</b>               |
| Products per Square Metre:             | <b>60</b>                                      |                                   |                                   |

Clay bricks are manufactured and supplied to relevant clauses of **BS EN 771-1**.

Declarations of performance, environmental and other policies can be found on the company website: [www.mbhplc.co.uk](http://www.mbhplc.co.uk). Further information is available via our sales department on 0844 931 0022 or email [sales@mbhplc.co.uk](mailto:sales@mbhplc.co.uk).

