

# Product Technical Information Sheet

Blockleys™

## Synthesis S17

|                                        |                                         |       |                                   |                     |           |
|----------------------------------------|-----------------------------------------|-------|-----------------------------------|---------------------|-----------|
| Configuration (EN 771.1):              | Vertically Perforated Clay Facing Brick |       | Dimensions:                       | 215 x 102.5 x 65 mm |           |
| Compressive Strength:                  | >= 50                                   | N/mm² | Dimensional Tolerance:            | T2                  |           |
| Compressive Strength Category:         | II                                      |       | Dimensional Range:                | R1                  |           |
| Freeze/Thaw Resistance:                | F2                                      |       | Water Absorption:                 | =< 12               | %         |
| Soluble Salts Content Category:        | S2                                      |       | Initial Rate of Water Absorption: | 1.3                 | kg/m².min |
| Reaction to Fire:                      | Class A1                                |       | Dangerous Substances:             | N/A                 |           |
| Thermal Conductivity (P = 50):         | 0.67                                    | W/m.K | Thermal Resistance (P = 50):      | 0.15                | m².K/W    |
| Thermal Conductivity (P = 90):         | 0.74                                    | W/m.K | Thermal Resistance (P = 90):      | 0.14                | m².K/W    |
| Void Percentage:                       | NPD                                     | %     | Net Dry Density:                  | 2240                | kg/m³     |
| Water Vapour Permeability Coefficient: | 50/100                                  |       | Gross Dry Density:                | 1540                | kg/m³     |
| Bond Strength (fixed value):           | 0.15                                    | N/mm² | Density Tolerance:                | D1                  |           |
| Quantity per Pack:                     | 400                                     |       | Recycled Content:                 | 0                   | %         |
| Product Weight:                        | 2.7                                     | kg    | DoP common root reference code:   | --BL65FABBL--       |           |
| Products per Square Metre:             | 60                                      |       |                                   |                     |           |

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).

