

Product Technical Information Sheet

Freshfield Lane
Synthesis S21

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| Configuration: | Frogged Clay Facing Brick | | |
| Size: | 215 x 102.5 x 65 mm | | |
| Dimensional Tolerance: | T2 | Dimensional Range: | R1 |
| Density (net): | 1690 Kg/m ³ | Density Tolerance: | D1 |
| Density (gross): | 1460 Kg/m ³ | | |
| Compressive Strength: | 27 N/mm ² | Compressive Strength Category: | II |
| Water Absorption: | 12 % | Initial Rate of Water Absorption: | 2.5 |
| Durability Category: | F2 | Soluble Salts Category: | S2 |
| Thermal Conductivity: (P=50) | 0.45 W/m.K | Thermal Resistance P=50: | 0.23 m ² .K/W |
| Thermal Conductivity: (P=90) | 0.51 W/m.K | Thermal Resistance P=90: | 0.20 m ² .K/W |
| Water Vapour Permeability Coefficient: | 5/10 | Bond Strength (fixed value): | 0.15 N/mm ² |
| Dangerous Substances: | Not Applicable | Void Percentage: | 6 - 11 % |
| Recycled Content: | 0 % | Reaction to Fire: | Class A1 |

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. Further information is available via our sales department on 0844 931 0022 or email sales@mbhplc.co.uk



Technical data correct at the time of issue. Please order a sample for accurate representation of product.

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