MICHELMERSH
Britain's Brick Specialists

# Product Technical Information Sheet

Floren.be™

# Sigma

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|---|---|---|---|---|---|
| Configuration (EN 771.1): | Vertically Perforated Clay Facing Brick | | Dimensions: | 215 x 102 x 65 mm | |
| Compressive Strength: | >= 35 | N/mm² | Dimensional Tolerance: | T2 | |
| Compressive Strength Category: | I | | Dimensional Range: | R2 | |
| Freeze/Thaw Resistance: | F2 | | Water Absorption: | =< 10 | % |
| Soluble Salts Content Category: | S2 | | Initial Rate of Water Absorption: | 0.5 - 1.5 | kg/m².min |
| Reaction to Fire: | Class A1 | | Dangerous Substances: | N/A | |
| Thermal Conductivity (P = 50): | 0.55 | W/m.K | Thermal Resistance (P = 50): | 0.19 | m².K/W |
| Thermal Conductivity (P = 90): | 0.63 | W/m.K | Thermal Resistance (P = 90): | 0.16 | m².K/W |
| Void Percentage: | 20 - 24 | % | Net Dry Density: | 1950 | kg/m³ |
| Water Vapour Permeability Coefficient: | 5/10 | | Net Density Tolerance: | D1 | |
| Bond Strength (fixed value): | 0.15 | N/mm² | Gross Dry Density: | 1700 | kg/m³ |
| Quantity per Pack: | 460 | | Gross Density Tolerance: | Dm(20%) | |
| Product Weight: | 2.28 | kg | DoP common root reference code: | Nr.1-Gr1a 21-12-2022 | |
| Products per Square Metre: | 60 | | | | |

Clay bricks are manufactured and supplied to relevant clauses of 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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