

# Product Technical Information Sheet

## Carlton Brodsworth Mixture

Configuration: **Vertically Perforated Clay Facing Brick**

Size: **215 x 102.5 x 65 mm**

Dimensional Tolerance: **T2** Dimensional Range: **R1**

Density (net): **2100** Kg/m<sup>3</sup> Density Tolerance: **D1**

Density (gross): **1500** Kg/m<sup>3</sup>

Compressive Strength: **40** N/mm<sup>2</sup> Compressive Strength Category: **II**

Water Absorption: **10** % Initial Rate of Water Absorption: **1.5**

Durability Category: **F2** Soluble Salts Category: **S2**

Thermal Conductivity: (P=50) **0.62** W/m.K Thermal Resistance P=50: **0.17** m<sup>2</sup>.K/W

Thermal Conductivity: (P=90) **0.69** W/m.K Thermal Resistance P=90: **0.15** m<sup>2</sup>.K/W

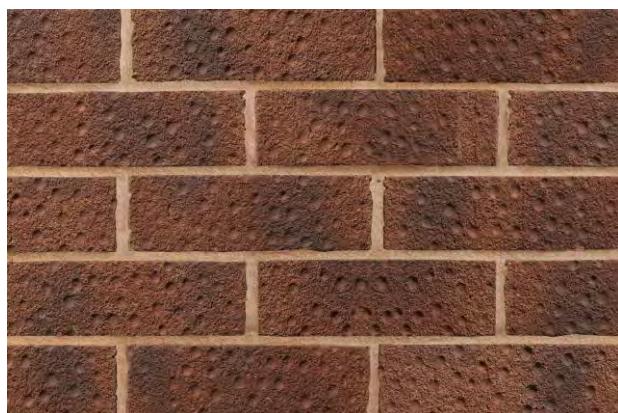
Water Vapour Permeability Coefficient: **50/100** Bond Strength (fixed value): **0.15** N/mm<sup>2</sup>

Dangerous Substances: **Not Applicable** Void Percentage: **26 - 30** %

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](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)



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

Issue Date: 18/11/21