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BS EN 771-1:2011

65mm Brodsworth Mixture

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Category II, HD, 215 x 102.5 x 65, clay masonry units

Dimensional tolerances: Tolerance category T2, Range category R1

Compressive strength: ≥ 40 N/mm² (\perp bed face)

Water absorption: $\leq 10\%$

Durability against freeze-thaw: F2

Active soluble salt content: S2

Reaction to fire: Class A1

Bond strength (fixed value from EN 998-2): 0.15 N/mm²

Water vapour diffusion coefficient (EN 1745 table value): 5/10

Direct airborne sound insulation:

Gross density: 1600 kg/m³ (D1) Configuration: Vertically perforated 28% voids

Equivalent thermal conductivity: 0.62 W/m.K [λ_{10} , dry]

Dimensional stability: NPD

Dangerous substances: See note

Dry weight per brick: 2.1 kg

Bricks per pack: 504

Note: Information on dangerous substances will only be given when and where required in the appropriate form. See annex ZA.3 of BS EN 771-1:2011