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Besblock Limited. Halesfield 21, Telford, Shropshire. TF7 4 NF

BSEN 771-3

Bescrete (115mm Cellular)

Category II, Aggregate concrete masonry unit

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|--|--|-------------------|
| Dimensions: | 440 X 115 X 215 | |
| Dimensional tolerances: | | |
| Category: | D1 | |
| Configuration: | Group1 (< 25% void) | |
| Mean compressive strength: | 3.6-10.4 N/mm ² | |
| Dimensional stability: moisture movement: | <0.7mm/m | |
| Shear bond strength: | 0.15 N/mm ² | (tabulated value) |
| Flexural bond strength: | NPD | |
| Reaction to fire: | Euroclass A1 | |
| Water absorption: | NPD | |
| Water vapour diffusion coefficient: | 5/15 | (tabulated value) |
| Direct airborne sound insulation: | | |
| <u>Gross dry density</u> | 1552 kg/m ² | |
| <u>Configuration</u> | Group1 (Cellular < 25% void) | |
| Thermal conductivity: | $\lambda = 0.584$ (W/mK) ¹⁰ , DRY MAT | |
| Durability against freeze-thaw: | Pass | |
| Dangerous substances: | NPD | |