



Build Bloc Limited, Halyard Street, Dagenham RM9 6RJ

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BSEN 771-3:2011 +A1:2015

Lightweight - BLW

Category II, Aggregate concrete masonry unit, for use in walls, columns and partitions

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| Dimensions: | See Dispatch Note |
| Dimensional tolerances: | |
| Category: | D1 |
| Flatness: | NPD |
| Plane parallelism: | NPD |
| Configuration: | Group1 (Solid) |
| Mean compressive strength: | 3.5 N/mm ² |
| Dimensional stability: moisture movement: | <0.9mm/m |
| Shear bond strength: | 0.15 N/mm ² (tabulated value) |
| Flexural bond strength: | NPD |
| Reaction to fire: | Euroclass A1 |
| Water absorption: | 6.7 g/m ² .s |
| Water vapour diffusion coefficient: | 5/15 (tabulated value) |
| Direct airborne sound insulation: | |
| <u>Gross dry density</u> | 1100 kg/m ³ |
| <u>Configuration</u> | Group 1 (solid) |
| Thermal conductivity: | λ 0.33 W/(mK) _{10, dry mat} |
| Durability against freeze-thaw: | Requires protection |
| Dangerous substances: | NPD |