Super Strength Celcon Block

Loadbearing and non-loadbearing applications in all forms of walling including single leaf, cavity, partitions, retaining and basements

Category I, autoclaved aerated concrete masonry unit

**Dimensions:** length 440mm, width marked on pack, height 215mm

**Dimensional tolerances:**
- Category: GPLM

**Configuration:** Solid (Group 1 unit to EN1996-1-1)

**Compressive strength:** mean 8.7 N/mm² (⊥ bedface, whole unit) (Cat I)

**Dimension stability:** moisture movement: 0.4 mm/m

**Bond strength (initial shear):** Fixed Value 0.15 N/mm² with GPLM

**Flexural Bond strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD

**Water vapour diffusion coefficient:** Fixed Value 5/10

**Gross density:** 730 kg/m³

**Thermal conductivity:** 0.16 W/mK (λ10,dry)

**Durability:** For use above and below ground.