EN771-4:2011

High 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 7.3 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: 730kg/m³

Thermal conductivity: 0.16 W/mK (λₐ₀,dry)

Durability: For use above and below ground.