



H+H UK Limited, Celcon House, Ightham, Sevenoaks, TN15 9HZ, UK

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HHUK-001a

EN771-4:2011

Solar Celcon Block

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

Category II, 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 2.9 N/mm²

(⊥ bedface, whole unit)(Cat II)

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: 460 kg/m³

Thermal conductivity: 0.10 W/mK ($\lambda_{10,dry}$)

Durability: For use above and below ground.