

CE



Gleeson Quarries Ltd
Laffansbridge, Thurles, Co Tipperary

14

0050 - CPD - 0144

IS EN 771-3:2011

Dense aggregate concrete masonry units

Category 1, 440:100:215mm aggregate concrete masonry unit – Light Weight

Dimensions: length 440 (mm), width 100 (mm), height 215 (mm)

Dimensional tolerances:

Category	D1
Flatness	1.0mm
Plane parallelism	1.0mm

Configuration: Group 1 unit to EN 1996-1-1

Compressive strength: Characteristic 7.5 N/mm²

Dimensional stability: Moisture Movement 0.43 mm/m

Shear bond strength: Fixed value 0.15 N/mm²

Reaction to fire: Euroclass A1

Water absorption: 11.56 g/m²s

Water vapour diffusion coefficient: 5/15 μ

Direct airborne sound insulation:

<u>Gross dry density</u>	1300 kg/m ³
<u>Configuration</u>	As above

Equivalent thermal conductivity: 0.58 W/mK ($\lambda_{10,dry}$)

Durability against freeze-thaw: Not to be left exposed

Dangerous substances: NPD