

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 – 150mm Solid/Cavity

Dimensions: length 440 (mm), width 150 (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 0.41 mm/m

Shear bond strength: Fixed value 0.15 N/mm²

Reaction to fire: Euroclass A1

Water absorption: 11.85 g/m²s

Water vapour diffusion coefficient: 5/15 μ

Direct airborne sound insulation:

| | |
|--------------------------|------------------------|
| <u>Gross dry density</u> | 2100 kg/m ³ |
| <u>Configuration</u> | As above |

Equivalent thermal conductivity: 1.24 W/mK ($\lambda_{10,dry}$)

Durability against freeze-thaw: Not to be left exposed

Dangerous substances: NPD