

# CE



**Gleeson Quarries Ltd**  
Laffansbridge, Thurles, Co Tipperary

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**0050 – CPD – 0144**

**IS EN 771-3:2011**  
**Dense aggregate concrete masonry units**

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

**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/mm<sup>2</sup>

**Dimensional stability:** Moisture Movement 0.43 mm/m

**Shear bond strength:** Fixed value 0.15 N/mm<sup>2</sup>

**Reaction to fire:** Euroclass A1

**Water absorption:** 11.56 g/m<sup>2</sup>s

**Water vapour diffusion coefficient:** 5/15 μ

**Direct airborne sound insulation:**

<u>Gross dry density</u>	1300 kg/m <sup>3</sup>
<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