

# CE

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0050 – CPR – 0327

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

Category 1, 440:100:140mm aggregate concrete masonry unit

**Dimensions:** length 440 (mm), width 100 (mm), height 140 (mm)

**Dimensional tolerances:**

Category	D1
Flatness	0.6mm
Plane parallelism	1.6mm

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

**Compressive strength:** Characteristic 16.8 N/mm<sup>2</sup>

**Dimensional stability:** Moisture Movement 0.48 mm/m

**Reaction to fire:** Euroclass A1

**Water absorption:** 6.05 g/m<sup>2</sup>s

**Water vapour diffusion coefficient:** 5/15  $\mu$

**Direct airborne sound insulation:**

<u>Gross dry density</u>	2080 kg/m <sup>3</sup>
<u>Configuration</u>	As above

**Equivalent thermal conductivity:** 1.00 W/mK ( $\lambda_{10,dry}$ )

**Durability against freeze-thaw:** Not to be left exposed

**Dangerous substances:** NPD