



**Robinson Concrete Ltd**  
**86 Cumber Road, Claudy BT47 4JA**  
**14**

**EN 771-3:2011**

Category II, 440 x 215 x 100mm aggregate concrete masonry unit

**Dimensions:** Length(mm) 440 Width(mm) 215 Height (mm) 100

**Dimensional tolerances:**

**Category:** D1  
**Flatness:** NPD  
**Plane parallelism:** NPD

**Configuration:** Group 1

**Compressive strength (mean):** 7.3 N/mm<sup>2</sup>

**Dimensional stability (moisture movement):** <0.3 mm/m

**Shear bond strength (fixed value):** 0.15 N/mm<sup>2</sup>

**Flexural bond strength:** NPD

**Reaction to fire:** Euroclass A1

**Water absorption:** NPD g/m<sup>2</sup>

**Water vapour diffusion coefficient (EN 1745):** 5/15  $\mu$

**Direct airbourne sound insulation:**

**Gross dry density** 2048 kg/m<sup>3</sup>

**Thermal conductivity:** Int. >1.33 Ext. >1.43 W/mK

**Dangerous substances:** See note below

<b>Declaration of Conformity</b>	Robinson Concrete Ltd declare that this masonry unit complies with the requirements of EN 771-3
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<b>Authorised By</b>	<b>Gareth Robinson</b>
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<b>Date of Issue</b>	01.04.14
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NOTE *Information on any dangerous substances will be given on request when and where required and in the appropriate form.*