



EC Declaration of Performance

John Gunn & Sons Ltd  
Bower Quarry, Halkirk, Caithness KW12 6UY

13

Certificate No. 0086-CPR-599184

EN 771-3:2011 [Aggregate Concrete Masonry units] Category I

Concrete Plant – Plant 1

Mix Code: BLOCKMIXSTD

Category I, 440 x 100 x 215mm aggregate concrete masonry units

**Dimensions:** 440 (mm) x 100 (mm) x 215 (mm)

**Dimensional Tolerances:** Category : D1

**Configuration:** Solid

**Compressive Strength:** Mean 7.3 N/mm<sup>2</sup>

**Dimensional Stability:** Moisture movement : 0.28 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:** 1.5

**Water vapour diffusion coefficient:** Fixed Value : 5/15

**Direct airborne sound insulation:**

**Gross density :** 1900 kg/m<sup>3</sup>

**Configuration :** As Above

**Thermal Conductivity:** 1.10 W/m.K

**Dangerous Substances:** See note

CE Certificate of Conformity with EN 771-3:2011 available on request.

**NOTE:** Information on Dangerous substances will only be given  
When and where required and in appropriate form.  
See Annex ZA3 of BS EN 771-3:2011.

Signed :

David D. Sutherland, Director

**Valid From :** 01/04/2019

**Issued :** 01/05/2019



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EN 771-3:2011 [Aggregate Concrete Masonry units] Category I  
Concrete Plant – Plant 1  
Mix Code: BLOCKMIXPNT

Category I, 440 x 100 x 215mm Paint Grade aggregate concrete masonry units

**Dimensions:** 440 (mm) x 100 (mm) x 215 (mm)

**Dimensional Tolerances:** Category : D1

**Configuration:** Solid  
**Compressive Strength:** Mean 7.3 N/mm<sup>2</sup>  
**Dimensional Stability:** Moisture movement : 0.33 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:** 1.2  
**Water vapour diffusion coefficient:** Fixed Value : 5/15  
**Direct airborne sound insulation:**  
**Gross density :** 1880 kg/m<sup>3</sup>  
**Configuration :** As Above  
**Thermal Conductivity:** 1.10 W/m.K  
**Dangerous Substances:** See note

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EN 771-3:2011 [Aggregate Concrete Masonry units] Category I

Concrete Plant – Plant 1

Mix Code: BLOCKMIXSTD

Category I, 440 x 140 x 215mm aggregate concrete masonry units

**Dimensions:** 440 (mm) x 140 (mm) x 215 (mm)

**Dimensional Tolerances:** **Category : D1**

**Configuration:** Solid

**Compressive Strength:** Mean 7.3 N/mm<sup>2</sup>

**Dimensional Stability:** Moisture movement : 0.28 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:** 0.9

**Water vapour diffusion coefficient:** Fixed Value : 5/15

**Direct airborne sound insulation:**

**Gross density :** 2010 kg/m<sup>3</sup>

**Configuration :** As Above

**Thermal Conductivity:** 1.20 W/m.K

**Dangerous Substances:** See note

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EN 771-3:2011 [Aggregate Concrete Masonry units] Category I

Concrete Plant – Plant 1  
Mix Code: BLOCKMIXLW

Category I, 440 x 140 x 215mm Lightweight aggregate concrete masonry units

**Dimensions:** 440 (mm) x 140 (mm) x 215 (mm)

**Dimensional Tolerances:** **Category : D1**

**Configuration:** Solid

**Compressive Strength:** Mean 7.3 N/mm<sup>2</sup>

**Dimensional Stability:** Moisture movement : 0.30 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:** 1.0

**Water vapour diffusion coefficient:** Fixed Value : 5/15

**Direct airborne sound insulation:**

**Gross density :** 1710 kg/m<sup>3</sup>

**Configuration :** As Above

**Thermal Conductivity:** 1.20 W/m.K

**Dangerous Substances:** See note

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EN 771-3:2011 [Aggregate Concrete Masonry units] Category I

Concrete Plant – Plant 1

Mix Code: BLOCKMIXSTD

Category I, 440 x 100 x 300mm Foundation aggregate concrete masonry units

**Dimensions:** 440 (mm) x 100 (mm) x 300 (mm)

**Dimensional Tolerances:** **Category : D1**

**Configuration:** Solid

**Compressive Strength:** Mean 7.3 N/mm<sup>2</sup>

**Dimensional Stability:** Moisture movement : 0.35 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:** 0.3

**Water vapour diffusion coefficient:** Fixed Value : 5/15

**Direct airborne sound insulation:**

**Gross density :** 1890 kg/m<sup>3</sup>

**Configuration :** As Above

**Thermal Conductivity:** 1.10 W/m.K

**Dangerous Substances:** See note

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**EN 771-3:2011 [Aggregate Concrete Masonry units] Category I**

Concrete Plant – Plant 1

Mix Code: BLOCKMIXLW

Category I, 440 x 100 x 300mm Foundation Lightweight aggregate concrete masonry units

**Dimensions:** 440 (mm) x 100 (mm) x 300 (mm)

**Dimensional Tolerances:** **Category : D1**

<b>Configuration:</b>	Solid
<b>Compressive Strength:</b>	Mean 7.3 N/mm <sup>2</sup>
<b>Dimensional Stability:</b>	Moisture movement : 0.29 mm/m
<b>Shear Bond Strength:</b>	Fixed Value : 0.15 N/mm <sup>2</sup>
<b>Flexural Bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	0.9
<b>Water vapour diffusion coefficient:</b>	Fixed Value : 5/15
<b>Direct airborne sound insulation:</b>	
	<b>Gross density :</b> 1480 kg/m <sup>3</sup>
	<b>Configuration :</b> As Above
<b>Thermal Conductivity:</b>	0.70 W/m.K
<b>Dangerous Substances:</b>	See note

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