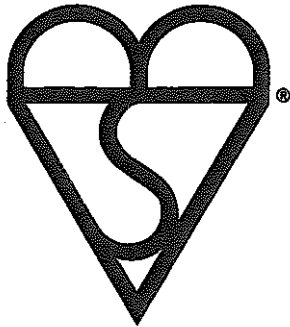


PA1  
8451



No. KM 07991

*BSI hereby grants to:*

**Tarmac Topblock Limited  
Hilton Main Industrial Estate  
Cannock Road  
Featherstone  
Wolverhampton  
West Midlands  
WV10 7HP  
United Kingdom**

*In respect of:*

**BS EN 771-3**

**Specification for masonry units - Aggregate concrete masonry units (Dense and light-weight aggregates)**

*the right and Licence to use the Kitemark in accordance with the Kitemark Licence Conditions of Contract governing the use of the Kitemark, as may be updated from time to time by BSI, and as approved by the Registrar under the Trade Marks Act 1994 (the "Conditions"). All defined terms in this Licence shall have the same meaning as in the Conditions.*

*The use of the Kitemark is authorized in respect of the Product(s) detailed on this Licence provided at or from the above address.*

*For and on behalf of BSI:*



Alastair Trivett, Managing Director, BSI Product Services – Global

First granted: 1 Aug 1989

Date: 11 Apr 2007

Page: 1 of 3



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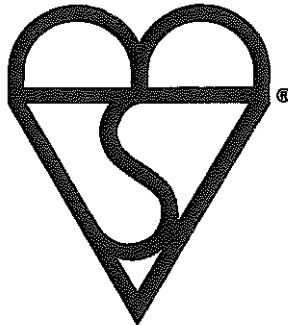
**BSI**  
Product Services

**BSI Product Services**

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Tel: +44 (0)1442 230442 Website: [www.bsi-global.com](http://www.bsi-global.com)

BSI Group Headquarters: 389 Chiswick High Road, London W4 4AL Tel: +44 (0)208 996 9000



No. KM 07991

Tarmac Topblock Limited

Wolverhampton

**BS EN 771 – 3 : 2003 Specification for masonry units – Part 3: Aggregate concrete masonry units (Dense and light weight aggregates)**

## **MASONRY UNITS (CATEGORY I)**

### **Hemelite Standard**

**Worksize** – 440x75 – 215x215mm; **Configuration** – Solid, Cellular, Hollow; **Tolerance category** – D1; **Density** – gross 1360, 1450, 1520Kg/m<sup>3</sup>; **Compressive strength** – 3.6 – 10.4 N/mm<sup>2</sup>; **Moisture movement** – 0.80mm/m; **Water vapour permeability** –  $\mu$ 5/15; **Reaction to fire** – Class A1

### **Hemelite Paint Quality**

**Worksize** – 440x100 – 215x215mm; **Configuration** – Solid, Cellular, Hollow; **Tolerance category** – D1; **Density** – gross 1400, 1500Kg/m<sup>3</sup>; **Compressive strength** – 3.6 – 10.4 N/mm<sup>2</sup>; **Moisture movement** – 0.80mm/M; **Water absorption** – to be advised g/m<sup>2</sup>s; **Water vapour permeability** –  $\mu$ 5/15; **Reaction to fire** – Class A1

### **Hemelite 1500**

**Worksize** – 440x100 – 215x215mm; **Configuration** – Solid; **Tolerance category** – D1; **Density** – gross 1500Kg/m<sup>3</sup>; **Compressive strength** – 3.6 – 7.3 N/mm<sup>2</sup>; **Moisture movement** – 0.50mm/m; **Water vapour permeability** –  $\mu$ 5/15; **Reaction to fire** – Class A1

### **Topcrete Standard**

**Worksize** – 440x75 – 215x215mm; **Configuration** – Solid, Cellular, Hollow; **Tolerance category** – D1; **Density** – gross 1950Kg/m<sup>3</sup>; **Compressive strength** – 3.6 – 17.5 N/mm<sup>2</sup>; **Moisture movement** – 0.50mm/m; **Water vapour permeability** –  $\mu$ 5/15; **Reaction to fire** – Class A1

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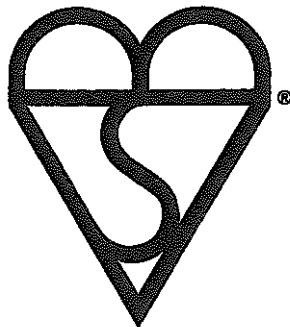
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Tarmac Topblock Limited

Wolverhampton

## MASONRY UNITS (CATEGORY I) continued

### Topcrete Paint Quality

**Worksize** – 440x100 – 215x215mm; **Configuration** – Solid, Cellular, Hollow; **Tolerance category** – D1;  
**Density** – gross 1850Kg/m<sup>3</sup>; **Compressive strength** – 3.6 – 10.4 N/mm<sup>2</sup>; **Moisture movement** –  
0.50mm/m; **Water vapour permeability** -  $\mu$ 5/15; **Reaction to fire** – Class A1

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