

No. KM 24021

*BSI hereby grants to:*

**Tarmac Topblock Limited  
Linford  
Stanford-le-Hope  
Essex  
SS17 0PY  
United Kingdom**

*In respect of:*

**BS EN 771-4**

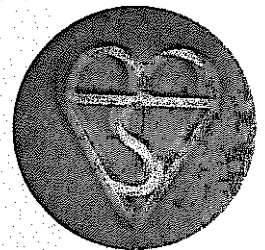
**Specification for masonry units - Autoclaved aerated concrete masonry units**

*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: 27 Apr 1993

Date: 12 Mar 2008

Page: 1 of 4



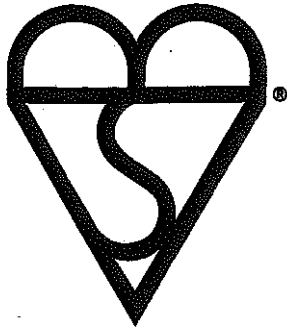
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**BSI**  
Product Services

**BSI Product Services**

Maylands Avenue, Hemel Hempstead, Hertfordshire HP2 4SQ United Kingdom  
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 24021

Tarmac Topblock Limited

Stanford-le-Hope

**BS EN 771 – 4 : Specification for masonry units – Part 4: Autoclaved aerated concrete masonry units**

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

### **Toplite GT1, Coursing brick**

**Worksize – Toplite GT1 – 440x100 – 265x215mm Coursing brick – 215x100 – 125x70mm;**  
**Configuration – Plain regular shaped units; Tolerance category – GPLM; Density – gross 460Kg/m<sup>3</sup>;**  
**Compressive strength – 3.6 N/mm<sup>2</sup>; Moisture movement – 0.40mm/m; Water vapour permeability -**  
**µ5/10; Reaction to fire – Class A1**

### **Coursing brick**

**Worksize – Toplite Standard – 440x75 – 215x215mm Coursing brick – 215x100 – 125x70mm;**  
**Configuration – Plain regular shaped units; Tolerance category – GPLM; Density – gross 630Kg/m<sup>3</sup>;**  
**Compressive strength – 3.6 N/mm<sup>2</sup>; Moisture movement – 0.40mm/m; Water vapour permeability -**  
**µ5/10; Reaction to fire – Class A1**

### **Toplite 7, Coursing brick**

**Worksize – Toplite 7 – 440x90 – 215x215mm Coursing brick – 215x100 – 125x70mm; Configuration**  
**– Plain regular shaped units; Tolerance category – GPLM; Density – gross 730Kg/m<sup>3</sup>; Compressive**  
**strength – 7.3 N/mm<sup>2</sup>; Moisture movement – 0.40mm/m; Water vapour permeability - µ5/10;**  
**Reaction to fire – Class A1**

### **Toplite Foundation**

**Worksize – 440x260 – 300x215mm; Configuration – Plain regular shaped units; Tolerance category –**  
**GPLM; Density – gross 630, 730Kg/m<sup>3</sup>; Compressive strength – 3.6, 7.3N/mm<sup>2</sup>; Moisture movement**  
**– 0.40mm/m; Water vapour permeability - µ5/10; Reaction to fire – Class A1**

First granted: 27 Apr 1993

Date: 12 Mar 2008

Page: 2 of 4

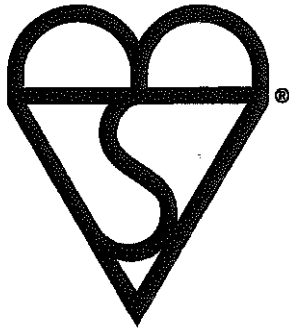
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## MASONRY UNITS (CATEGORY I) continued

### Supabloc, Floor, Coursing bricks, Slips

**Worksize** – Supablock – 620x50 – 215x215mm, Floor – 620x540x100mm, Coursing brick – 215x100 – 215x70mm, Coursing Slips – 215x115x40mm; **Configuration** – Plain regular shaped units; **Tolerance category** – GPLM; **Density** – gross 460Kg/m<sup>3</sup>; **Compressive strength** – 3.6 N/mm<sup>2</sup>; **Moisture movement** – 0.40mm/m; **Water vapour permeability** -  $\mu$ 5/10; **Reaction to fire** – Class A1

### Supabloc 4

**Worksize** – 620x100 – 215x215mm; **Configuration** – Plain regular shaped units; **Tolerance category** – GPLM; **Density** – gross 630Kg/m<sup>3</sup>; **Compressive strength** – 4.2 N/mm<sup>2</sup>; **Moisture movement** – 0.40mm/m; **Water vapour permeability** -  $\mu$ 5/10; **Reaction to fire** – Class A1

### Supabloc 7

**Worksize** – 620x100 – 215x215mm; **Configuration** – Plain regular shaped units; **Tolerance category** – GPLM; **Density** – gross 680Kg/m<sup>3</sup>; **Compressive strength** – 7.3 N/mm<sup>2</sup>; **Moisture movement** – 0.40mm/m; **Water vapour permeability** -  $\mu$ 5/10; **Reaction to fire** – Class A1

### Supabloc 10

**Worksize** – 620x100 – 140x215mm; **Configuration** – Plain regular shaped units; **Tolerance category** – GPLM; **Density** – gross 720Kg/m<sup>3</sup>; **Compressive strength** – 8.7 N/mm<sup>2</sup>; **Moisture movement** – 0.40mm/m; **Water vapour permeability** -  $\mu$ 5/10; **Reaction to fire** – Class A1

### Foundation

**Worksize** – 620x260 – 300x140 - 215mm; **Configuration** – Plain regular shaped units; **Tolerance category** – GPLM; **Density** – gross 460, 680Kg/m<sup>3</sup>; **Compressive strength** – 3.6, 7.3 N/mm<sup>2</sup>; **Moisture movement** – 0.40mm/m; **Water vapour permeability** -  $\mu$ 5/10; **Reaction to fire** – Class A1

First granted: 27 Apr 1993

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Page: 3 of 4

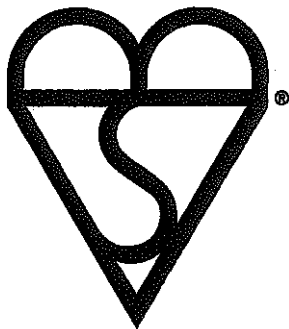
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## **MASONRY UNITS (CATEGORY I) continued**

### **System 500, 600, 700**

**Worksize** – 620x100 – 300x214, 299 or 429mm; **Configuration** – Plain regular shaped units; **Tolerance category** – TLMA; **Density** – gross 460, 630, 680Kg/m<sup>3</sup>; **Compressive strength** – 3.6, 4.2, 7.3N/mm<sup>2</sup>; **Moisture movement** – 0.40mm/m; **Water vapour permeability** -  $\mu$ 5/10; **Reaction to fire** – Class A1

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**Page: 4 of 4**

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Ref: CT/LN/24021



Date: 25th March 2008

Mr Trevor Purnell  
Tarmac Topblock Limited  
Regional Sales Office  
New Balderton  
Newark  
Nottingham  
NG24 3BU

Dear Mr Purnell,

**BS EN 771-4 KITEMARK LICENCE NUMBER KM 24021**

**RE-ISSUE OF KITEMARK LICENCE DOCUMENT.**

Please find enclosed your new Kitemark licence document.

Please acknowledge receipt by return and confirm that previous issues have been destroyed.

If you have any queries or require any further information, please contact me on 08450 765600.

Yours sincerely

A large, stylized handwritten signature in black ink, consisting of several overlapping loops and curves.

A small, handwritten mark or symbol, possibly a stylized 'L' or 'N', located to the left of the signature.

Lee Neale  
Group Manager  
Product Certification

Enc. Kitemark licence document