

No. KM 11866

BSI hereby grants to:

**Tarmac Topblock Limited
Holme Hall Quarry
Stainton
Maltby
South Yorkshire
S66 7RD
United Kingdom**

In respect of:

BS EN 771-3

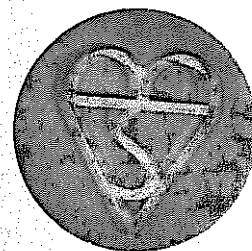
Specification for masonry units - Aggregate concrete masonry units (Dense and light-weight aggregates)

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 Mar 1991

Date: 22 May 2008

Page: 1 of 3



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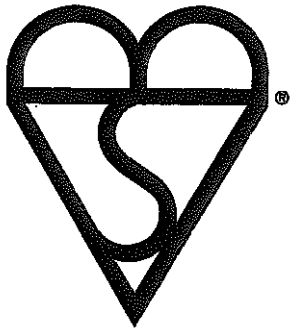
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BSI
Product Services

BSI Product Services

Kitemark House, Maylands Avenue, Hemel Hempstead, Hertfordshire HP2 4SQ
United Kingdom

Tel: +44 (0)8450 765600 Website: www.bsi-global.com



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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/m³; Compressive strength – 3.6 – 10.4 N/mm²; Moisture movement – 0.80mm/M; Water vapour permeability - μ 5/15; Reaction to fire – Class A1

Topcrete standard

Worksize blocks – 440x75 – 215x215mm; Worksize Midi blocks – 290x140x215mm; Configuration – Solid, Cellular, Hollow; Tolerance category – D1; Density – gross 1950Kg/m³; Compressive strength – 3.6 – 22.5 N/mm²; Moisture movement – 0.50mm/M; Water vapour permeability - μ 5/15; Reaction to fire – Class A1

Topcrete paint quality

Worksize blocks – 440x75 – 215x215mm; Worksize Midi blocks – 290x140x215mm Configuration – Solid, Cellular, Hollow; Tolerance category – D1; Density – gross 1850Kg/m³; Compressive strength – 3.6 – 10.4 N/mm²; Moisture movement – 0.50mm/M; Water vapour permeability - μ 5/15; Reaction to fire – Class A1

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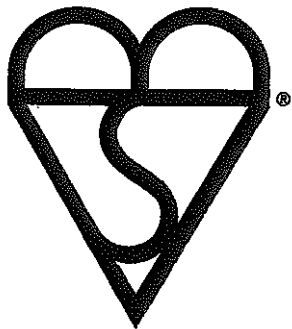
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MASONRY UNITS (CATEGORY I) continued

Topcrete fair faced

Worksize – 440x90 – 215x215mm; **Configuration** – Solid, Cellular, Hollow; **Tolerance category** – D1; **Density** – gross 1900Kg/m³; **Compressive strength** – 7.3 – 17.5 N/mm²; **Moisture movement** – 0.50mm/M; **Water absorption** – to be advised g/m²s; **Water vapour permeability** - μ 5/15; **Reaction to fire** – Class A1

Topcrete foundation

Worksize – 300x275x140mm; **Configuration** – Solid; **Tolerance category** – D1; **Density** – gross 1600Kg/m³; **Compressive strength** – 7.3 N/mm²; **Moisture movement** – 0.50mm/M; **Water vapour permeability** - μ 5/15; **Reaction to fire** – Class A1

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