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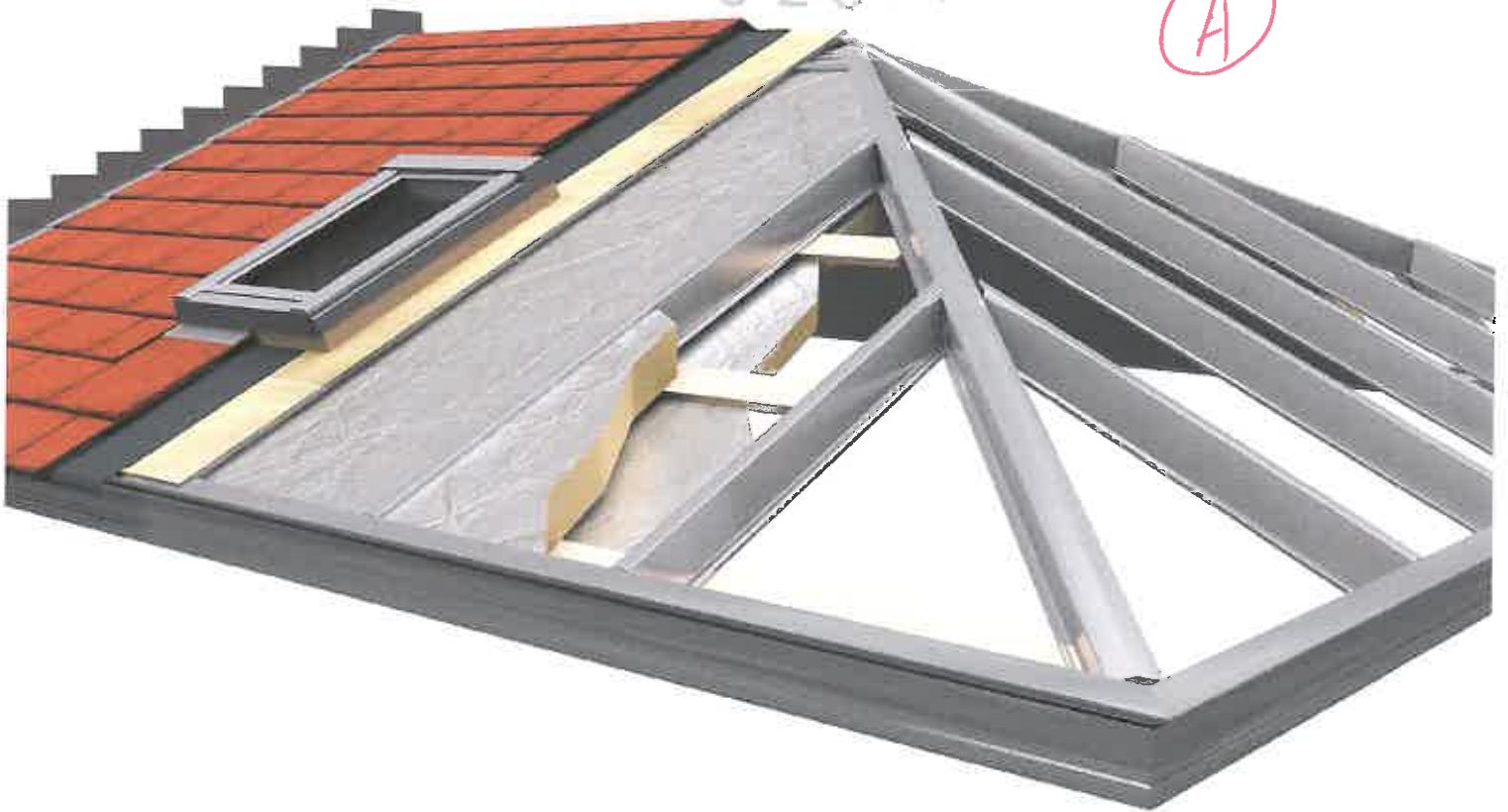
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PRODUCT SPECIFICATION

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Agrément Certificate
07/4470
Product Sheet 4

METROTILE ROOFING SYSTEM

METROTILE SHINGLE

This Agrément Certificate Product Sheet⁽¹⁾ relates to Metrotile Shingle, a preformed aggregate-coated steel tilesheet for use on conventional steel or timber roof structures with a minimum pitch of 15°.

(1) Hereinafter referred to as 'Certificate'.

CERTIFICATION INCLUDES:

- factors relating to compliance with Building Regulations where applicable
- factors relating to additional non-regulatory information where applicable
- independently verified technical specification
- assessment criteria and technical investigations
- design considerations
- installation guidance
- regular surveillance of production
- formal three-yearly review.



KEY FACTORS ASSESSED

Weathertightness — the product, used with a suitable underlay, has satisfactory resistance to the passage of rain and snow (see section 6).

Strength and stability — the product has satisfactory resistance to the effects of wind loading likely to be met in service (see section 7).

Properties in relation to fire — the product is unrestricted under the national Building Regulations (see section 9).

Durability — under normal conditions the product will have a service life in excess of 40 years (see section 11).

The BBA has awarded this Certificate to the company named above for the product described herein. These product has been assessed by the BBA as being fit for its intended use provided it is installed, used and maintained as set out in this Certificate.

On behalf of the British Board of Agrément

Simon Wroe
Head of Approvals — Materials

Greg Cooper
Chief Executive

Date of First issue: 18 October 2012

Originally certificated on 14 September 2007

The BBA is a UKAS accredited certification body — Number 113. The schedule of the current scope of accreditation for product certification is available in pdf format via the UKAS link on the BBA website at www.bbaccerts.co.uk

Readers are advised to check the validity and latest issue number of this Agrément Certificate by either referring to the BBA website or contacting the BBA direct.

British Board of Agrément

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Regulations

In the opinion of the BBA, Metrotile Shingle, if installed, used and maintained in accordance with this Certificate, will meet or contribute to meeting the relevant requirements of the following Building Regulations (the presence of a UK map indicates that the subject is related to the Building Regulations in the region or regions of the UK depicted):



The Building Regulations 2010 (England and Wales)

Requirement:	B3(2)	Internal fire spread (structure)
Requirement:	B4(2)	External fire spread
Comment:		The product is unrestricted under these Requirements. See section 9 of this Certificate.
Requirement:	C2(b)	Resistance to moisture
Comment:		The product can contribute to meeting this Requirement. See section 6 of this Certificate.
Requirement:	Regulation 7	Materials and workmanship
Comment:		The product is acceptable. See sections 11.1, 11.2 and the <i>Installation</i> part of this Certificate.



The Building (Scotland) Regulations 2004 (as amended)

Regulation:	8(1)(2)	Fitness and durability of materials and workmanship
Comment:		The product is acceptable. See sections 10.2, 11.1, 11.2 and the <i>Installation</i> part of this Certificate.
Regulation:	9	Building standards – construction
Standard:	2.1	Compartmentation
Standard:	2.2	Separation
Comment:		The product can contribute to satisfying this Standard, with reference to clauses 2.1.5 ⁽²⁾ , 2.2.7 ⁽²⁾ and 2.2.10 ⁽¹⁾ . See section 9 of this Certificate.
Standard:	2.8	Spread from neighbouring buildings
Comment:		The product is unrestricted by this Standard, with reference to clause 2.8 ⁽¹⁾⁽²⁾ . See section 9 of this Certificate.
Standard:	3.10	Precipitation
Comment:		The product can contribute to satisfying this Standard, with reference to clauses 3.10.1 ⁽¹⁾⁽²⁾ and 3.10.8 ⁽¹⁾⁽²⁾ . See section 6 of this Certificate.
Standard:	7.1(a)	Statement of sustainability
Comment:		The product can contribute to meeting the relevant Requirements of Regulation 9, Standards 1 to 6 and therefore will contribute to a construction meeting a bronze level of sustainability as defined in this Standard.
Regulation:	12	Building standards – conversions
Comment:		All comments given for this product under Regulation 9, Standards 1 to 6, also apply to this Regulation, with reference to clause 0.12.1 ⁽¹⁾⁽²⁾ and Schedule 6 ⁽¹⁾⁽²⁾ . (1) Technical Handbook (Domestic) (2) Technical Handbook (Non-Domestic)



The Building Regulations (Northern Ireland) 2012

Regulation:	23(a)(i)(ii)(b)(i)	Fitness of materials and workmanship
Comment:		The products are acceptable. See sections 11.1, 11.2 and the <i>Installation</i> part of this Certificate.
Regulation:	28(b)	Resistance to moisture and weather
Comment:		The products can contribute to satisfying the requirements of this Regulation. See section 6 of this Certificate.
Regulation:	35(2)	Internal fire spread – Structure
Regulation:	36(b)	External fire spread
Comment:		The products are unrestricted under these Regulations. See section 9 of this Certificate.

Construction (Design and Management) Regulations 2007

Construction (Design and Management) Regulations (Northern Ireland) 2007

Information in this Certificate may assist the client, CDM co-ordinator, designer and contractors to address their obligations under these Regulations.

See sections: 1 *Description* (1.2), 3 *Delivery and site handling* (3.1), and 14 *Procedure* (14.7) of this Certificate.

Additional Information

NHBC Standards 2011

NHBC accepts the use of Metrotile Shingle, when installed, used and maintained in accordance with this Certificate, in relation to NHBC Standards, Chapter 7.2 *Pitched roofs*.

