



Certificate No: EWS665D



This certificate is valid for Building Regulations & associated technical guidance in force on the date of registration and for the regulations in the countries indicated

Metrotile Slate 1 roofing sheet

Description of Product

This is an assessment of the Metrotile Slate 1 roofing sheet. This lightweight steel roofing sheet has been approved by BBA and also carries a CE Declaration of Performance. The roofing sheet is designed to offer building protection without failure due to wind load and fire exposure. It resists high rain and hail exposure and also resists corrosion due to salt exposure in marine locations. The system has an acrylic coating that offers protection from the most severe UV exposure and all these elements are backed by a 40 year waterproof guarantee. The system is recyclable.



Key Factors Assessed

- Mechanical Resistance & Stability
- Safety in case of Fire
- Safety in Use
- Protection against noise
- Durability serviceability and identification

Validity

This certificate was first issued on 9th August 2016 and is valid until 9th August 2017
Issue Dated 9th August 2016

Scope of Registration

The system is internationally compliant for wind loading, moisture penetration, corrosion resistance and surface spread of flame.

The system also has specific ancillaries such as starter courses, abutment tiles, ridge tiles, barge closers, tile vents, soil and vent outlets and extractor fan outlet.

Conditions of Certificate

The roofing sheet must be appropriate for the roof pitch; reference should be made to Metrotile data material for required min. and max. roof pitches, fixing details and if deemed necessary further checks made direct with the manufacturer.

| Name | Panel Length | Length of Cover | Width of Cover | Roof Cover/Tile | Tiles/M2 | Weight /Tile | Weight/ M2 | Min. Roof Pitch deg |
|---------|--------------|-----------------|----------------|-----------------|----------|--------------|------------|---------------------|
| Slate 1 | 1330mm | 1257mm | 370mm | 0.46 | 2.15 | 2.8kg | 6.2kg | 10 |

For Scotland purposes:

The specifications and materials referred to have been assessed in accordance with the Building (Scotland) Regulations 2004 and in accordance with the supporting guidance in the Domestic Technical Handbooks which came into force with effect from 1 October 2015.

Where reference is made on a plan or specification document to any Code of Practice, British or European Standard or manufacturer's instruction it shall be construed as a reference to such publication in the form in which it is in force at the date of this Registered Detail.

The materials specified shall be for purposes of this Registered Detail and should not be changed without first gaining approval so to do from Local Authority Building Standards Scotland [LABSS]. Failure to do so will invalidate the Registered Detail.

The Registered Detail shall be valid for a period of 12 months from the date of issue or until otherwise invalidated by formal notice by LABSS. The Registered Detail may be re-validated after 12 months following a request and payment of an annual renewal fee from the Registered Detail Holder.

This Registered Detail should not be regarded as a formal approval under the building warrant process prescribed by the Building (Scotland) Act 2003 enacted from 1 May 2005

This Registered Detail shall contribute to compliance with relevant Mandatory Standards specified under the Building (Scotland) Regulations 2004 as amended when read with the scope, conditions and regulations sections to this Registered Detail.

LABC and LABSS consider that the Metrotile Slate 1 roofing sheet will meet the functional requirements of the Building Regulations (listed below) if the criteria detailed in this certificate are met;



The Building Regulations 2010 (as amended) England & Wales

| | |
|--------------|--|
| Regulation 7 | Materials and workmanship |
| Note: | The system is acceptable. |
| AD B | Fire |
| Note: | The system is acceptable |
| AD C | Site preparation and resistance to contaminants and moisture |
| Note: | The system is acceptable |



The Building Regulations 2010 (as amended) England

| | |
|-------|---------------------------|
| AD B | Fire |
| Note: | The system is acceptable. |



The Building Regulations 2010 (as amended) Wales

| | |
|-------|---------------------------|
| AD B | Fire |
| Note: | The system is acceptable. |



The Building (Scotland) Regulations 2004 (as amended)

Technical Handbooks Domestic and Non-Domestic

| | |
|--------------|---|
| Regulation 8 | Durability, workmanship and fitness of materials |
| 0.8.5: | Ways of establishing the fitness of materials |
| Regulation 9 | Building Standards applicable to construction |
| Note: | Construction shall be carried out so that the work complies with the applicable requirements of schedule 5. |
| Mandatory | |
| Standard 1.1 | Structure |
| Note: | The system is acceptable in a new build installation, subject to a structural assessment in a holistic building assessment. The system is acceptable when fitted as a replacement roof to an existing building, subject to a structural assessment covering the existing building in a |

| | | |
|---------------|------------------------------------|---|
| | | holistic building assessment comprising the existing building and new roof. |
| Mandatory | | |
| Standard 2.1 | Compartmentation | |
| Mandatory | | |
| Standard 2.2 | Separation | |
| Note: | | The system is acceptable provided it is constructed in accordance with the Manufacturer's details. |
| Mandatory | | |
| Standard 2.8 | Spread from neighbouring buildings | |
| Note: | | The system is acceptable provided it is constructed in accordance with the manufacturer's details. |
| Mandatory | | |
| Standard 3.10 | Precipitation | |
| Note: | | The system is acceptable provided it is constructed in accordance with the manufacturer's details and by an accredited contractor. |
| Mandatory | | |
| Standard 3.15 | Condensation | |
| Note: | | The risk of interstitial condensation needs to be assessed in each case and condensation control should be in accordance with the recommendations in BS5250: 2002. |
| Mandatory | | |
| Standard 4.8 | Danger from accidents | |
| Note: | | Clause 4.8.8 A Clear visible warning sign may require to be provided should any part of the roof be not capable of bearing a concentrated load of 0.9KN on a 130 by 130mm square. The relevant hazard sign from BS 5499: Part 5: 2002 should be used. |

Non-Regulatory Information



LABC Warranty

The use of the Metrotile Slate 1 roofing sheet has not been assessed to meet the requirements of the LABC Warranty Technical Manual. If you would like to discuss a specific use please make an enquiry to technical.services@labcwarranty.co.uk

Supporting Documentation

BBA Cert 07/4470 Metroslate 450/900

CE Certificate of Performance Slate

ITB Classification Report for Roofs exposed to external fire 714/15/Z00NP

Model Specification Metrotile Slate 450

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