

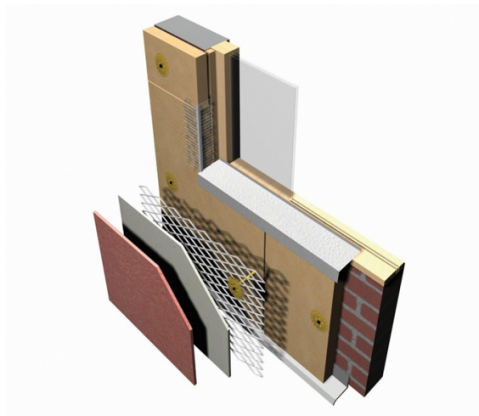
This certificate is valid for Building regulations and associated technical guidance in force at the time of the registration and for the regulations in Scotland only

Enewall External Wall Insulation System 1 - Warmworks Programme

Description of Product

Enewall External Wall Insulation System 1 mechanically fixed to masonry/concrete walls (including no fines concrete) (with supplementary adhesive when required), consisting of expanded polystyrene (EPS), polyisocyanurate (PIR) or phenolic (PHS) insulation boards, glassfibre reinforcing mesh and render finishes, suitable for use on new or existing domestic buildings.

System 1 consists of:
Insulation Boards, Enewall Adhesive Coat, Enewall Reinforcing Glass Mesh, Enewall Mechanical Fixings (as per required fixing pattern, Enewall Exposed Aggregate Render, Enewall Smooth Band Render, Enewall Dash Aggregate.



Key factors assessed

- Mechanical Resistance & Stability
- Safety in case of Fire
- Health, Hygiene and Environmental
- Safety in Use
- Energy, Economy and Heat Retention
- Durability serviceability and identification

Validity

This certificate was first issued on 8 September 2016 and is valid until 7 September 2019
Issue Dated 8 September 2018

Scope of Registration

An insulation material for use on external walls.

Only Enewall System 1 has been considered for registration and for low rise housing only.

The acceptance of the registered detail for any given project must also remain conditional on the wider suitability of the existing building to receive external wall insulation system. This suitability must be established by carrying out a thorough assessment of the building. This assessment must form part of the design and specification process to be carried out by Enewall Ltd or their approved contractors for the project, and if it identifies that the building is not suitable to receive the Enewall System 1, then this registered detail should not be considered applicable.

Conditions of Certificate

That this certificate is relevant only to Enewall Ltd System 1.

That the Registered Detail is limited to low rise housing (1 or 2 storey) only) – Section 2 Fire.

That this Registered Detail does not include timber clad houses.

That the products used as components of the system shall be manufactured and installed strictly in accordance with the manufacturer's instructions, in accordance with the certificate holder's instructions and fully in accordance with the accredited certification and supporting test reports.

The specifications and materials referred to have been assessed and approved 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 June 2016.

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 not be changed without first gaining approval so to do. Failure to do so will invalidate the registered detail.

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. It supports the site specific building warrant submission required in every case.

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 of Registration and the Conditions of Certificate Sections to this Registered Detail.

Regulations



LABSS consider that the Enewall External Wall Insulation System 1 will meet the functional requirements of the Building Regulations (listed below) if the criteria detailed in this certificate are met.

The Building (Scotland) Regulations 2004 (as amended)

Technical Handbooks - 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
Construction shall be carried out so that the work complies with the applicable requirements of schedule 5.

Mandatory Standard 1.1 Structure

1.1.0 Introduction

1.1.1 General

1.1.2 Loading

1.1.3 Design and construction

Note: This standard is subject to site specific assessments and is therefore not covered by this Registered Detail

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Mandatory Standard 2.1: Compartmentation; Mandatory Standard 2.2: Separation; Mandatory Standard 2.3: Structural Protection and Mandatory Standard 2.9: Means of Escape.

Note: This certificate only covers this system as a fully adhered application and requires that cognisance is taken of the maintenance of fire resistant integrity at all separating / compartment wall / floor junctions and at protected zones around escape routes within buildings to meet the above Mandatory Standards

Mandatory Standard 2.4 Cavities

2.4.1 Cavity barriers

Note: This certificate only covers this system as a fully adhered application and as such no cavity will be created between the wall substrate and the cladding. This standard would apply only in the event of a physical cavity being created by the installation.

Mandatory Standard 2.6 Spread to neighbouring buildings and Mandatory Standard 2.7 External cladding

Note: This system has achieved a classification of A2-s1, d0 when tested in accordance with Classification of Reaction to Fire Performance BS EN 13501-1:2007+A1 2009 and classified A2-s1, d0 (reference Annex 2.B reaction to fire). This will meet the requirements of Mandatory Standard 2.6: Spread to Neighbouring Buildings and Mandatory Standard 2.7: External Cladding.

Mandatory Standard 3.4 Moisture from the ground

3.4.1 Treatment of building elements adjacent to the ground

Mandatory Standard 3.10 Precipitation

3.10.1 General provisions

3.10.2 Wall constructions - solid

3.10.3 Wall constructions - cavity

Mandatory Standard 3.15 Condensation (Domestic)

3.15.1 Condensation

3.15.5 Interstitial condensation

Mandatory Standard 4.1 Access to Buildings

4.1.6 Width of accessible entrances

Mandatory Standard 6.2

6.2.0 General

6.2.11 Alterations to the insulation envelope



The Building Regulations 2010 (as amended) England & Wales

The Building Regulations 2010 (as amended) England

If you would like to discuss a specific use of the product in England it will require an additional assessment under the English Building Regulations and accordingly you should contact the LABC

The Building Regulations 2010 (as amended) Wales

If you would like to discuss a specific use of the product in Wales it will require an additional assessment under the Welsh Building Regulations and accordingly you should contact the LABC Cymru

Supporting Information

All supporting information to this certificate can be supplied by the manufacturer / installer and includes these primary documents:-

- BBA Certificate Number 13/4973
- Enewall System 1 DX100 Series detail book
- Enewall General Specification
- U-Value calculations
- Condensation Risk analysis

Contact Information

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