

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

FOAMIT 30

Description of Product

The FOAMIT 30 is a recycled glass product to be used as a lightweight aggregate for solid floor structures. It has good thermal properties which add to the overall U-value of the floor build up.



Key Factors Assessed

- Mechanical Resistance & Stability
- Health, Hygiene and Environmental
- Safety in Use
- Energy Economy and heat retention
- Durability serviceability and identification

Validity

This certificate was first issued on 10th November 2016 and is valid until 10th November 2017

Issue Dated 10th November 2016

Scope of Registration

This Registered Detail applies to a loose foam glass ballast and its use as a loose fill/thermal insulation. Foam glass ballast is an artificial broken aggregate produced from recycled glass waste granules by means of foaming. At the place of use, a thermal insulating layer is produced. The name of the material is 'Foamit 30'.

The certificate is for the concept and calculations should be carried out for each installation to support the site conditions.

Conditions of Certificate

If the 'aggregates' are to be used as 'hardcore' beneath housing ground floor slabs then this new product will have to comply with the requirements of approved documents 7 and C of the Building Regulations. Further information and guidance regarding this can be obtained from BRE digest DG522. In addition its combinations with other binding products need to be considered along with its suitability for compaction establishing the depths of fill, plant required and how it behaves on various types of subgrades to achieve full compaction of the fill made with use of these aggregates. Its behaviour above or within sites with high water table would need addressing.

Supplementary protection is required where the ground contains gas.

Appropriate calculations should be provided in each instance to show compliance with Part L.

The product works well with a stable base and any ground variations such as mining, low ground bearing capacity or any other local issues will need additional measures.

LABC consider that, the FOAMIT 30 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 product is acceptable.
AD A	Loading
Note:	Subject to limitations detailed in the conditions section.
AD C	Site Preparation and Resistance to Contaminants and Moisture
Note:	Subject to limitations detailed in the conditions section.
AD L	Conservation of fuel and power
Note:	The thermal insulation performance should be considered as contribution to the overall performance of the floor structure.



The Building Regulations 2010 (as amended) England

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The Building Regulations 2010 (as amended) Wales

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The Building (Scotland) Regulations 2004 (as amended)

If you would like to discuss a specific use of the product in Scotland it will require an additional assessment under the Scottish Building Regulations and accordingly you should contact the LABSS STAS Administrator at www.labss.org

Non-Regulatory Information



LABC Warranty
Pending assessment

Supporting Documentation

CE certificate FOAMIT 30 (Eng)
LABC Registered Detail certificate number EWS332
Health and Safety information sheet
FOAMIT Overview Information Sheet

Contact Information

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