

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

energystore TLA

Description of Product

This is an assessment of the energystore TLA.

energystore TLA is a superlight EPS bead aggregate that is mixed with cement, water and other aggregates to produce an installed product that has thermal and lightweight characteristics, as well as a good acoustic performance. To be used as a thermally insulating floor and flat roof screed or as a lightweight intermediate floor screed.

energystore TLA should only be mixed and installed by contractors that have been assessed and approved by energystore Ltd.

Where required a Vapour Control Layer should be installed on the warm side of the insulation.

Please consult the 'Conditions of Certificate' and 'Non-Regulatory Information' sections to see if the product is acceptable for use on sites covered by LABC Warranty.



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 6th June 2019 and is valid until 6th October 2022

Issue Dated 22nd October 2021

Scope of Registration

energystore TLA is a superlight aggregate intended as an insulated screed for ground and intermediate floors and flat roofs.

energystore TLA is an aggregate of expanded polystyrene beads which can be mixed with cement and water to give an insulated and lightweight screed.

This product is not a structural screed.

This product can be used as a thermally insulated floor and flat roof screed for compliance with energy efficiency requirements and as an intermediate floor screed to reduce overall weight.

This product has independent verification of its conformance to BSEN16025 by GSH (a German accreditation body approved by DAkkS German equivalent of UKAS) and KIWA BDA Agrément with certification number BAF-18-042-S-A-UK.

For Scotland purposes:

The product is a non-structural insulated screed. As such, the relevant parts subject to assessment are fire safety, conservation of fuel and power, condensation risk, resistance to moisture and site preparation.

The complementary products to achieve full compliance with the fire spread on roofs such as the weather resistant roofing material and condensation risk in roofs and floors such as the vapour control layer material are outside the scope of this registration.

Conditions of Certificate

energystore TLA is non-structural.

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 and Non-Domestic Technical Handbooks which came into force with effect from 1 July 2017.

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 registration.

LABC and LABSS consider that, energystore TLA 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) at the date of current issue

In England and Wales Regulation 7	Materials and workmanship
In England: AD 7 (2018)	Materials and workmanship
In Wales: AD 7 (2020)	Materials and workmanship
Note:	The product is acceptable.
In England: AD B (2019)	Fire Safety
In Wales: AD B (2016)	Fire Safety
Note:	The product is acceptable.
In England: AD C1 (2013)	Site preparation and resistance to contaminants
In Wales: AD C1 (2010)	Site preparation and resistance to contaminants
Note:	The product is acceptable.
In England: AD L1A (2016)	Conservation of fuel and power
In Wales: AD L1A (2016)	Conservation of fuel and power
Note:	The product is acceptable.
In England: AD L1B (2018)	Conservation of fuel and power
In Wales: AD L1B (2016)	Conservation of fuel and power
Note:	The product is acceptable.
In England: AD L2A (2016)	Conservation of fuel and power
In Wales: AD L2A (2016)	Conservation of fuel and power
Note:	The product is acceptable.
In England: AD L2B (2016)	Conservation of fuel and power
In Wales: AD L2B (2016)	Conservation of fuel and power
Note:	The product is acceptable.



The Building (Scotland) Regulations 2004 (as amended)

Technical Handbook Non-Domestic

Regulation 8	Durability, workmanship and fitness of materials
Note:	The installations will contribute to compliance with this regulation provided it is installed in accordance with the manufacturers' instructions and specifications.
Mandatory	
Standard 2.8	Spread from neighbouring buildings
2.8.1	Roof coverings
Note:	This screed product does not form the roof surface and therefore must be read with the roof surface material and the roof deck material both of which are outside the scope

Non-Regulatory Information



LABC Warranty

The product has not been assessed by LABC Warranty.

Supporting Documentation

Guteschutzgemeinschaft Hartschaum e. V. Certificate of Conformity for EN 16025-1:2013

energystore TLA Declaration of Performance

energystore TLA Material Safety Data Sheet

energystore TLA Technical Manual

Kiwa BDA Agrément – BAF-18-042-S-A-UK – First Issue Dated October 2020

Efectis Classification of reaction to fire performance in accordance with EN 13501-1:2018 – Classification No. 2019-Efectis-R002167 Dated March 2020

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