



Description

Stopseal® LGS is an intumescent thermoplastic filled with flame retardants and binders which provide a high-performance volume expansion and pressure seal situated in an elastomeric, acoustic rated foam which allows for high movement. Stopseal LGS is designed to reinstate the fire resistance of wall and floor constructions in linear Gap seals.

Application / Use

- To reinstate fire resistance through rigid floors
- To reinstate fire resistance through rigid walls
- Linear Construction Joints

Packaging

- Boxed, quantity dependant on product size required

Product Details

Material	Intumescent thermoplastic filled with flame retardants and binders
Finish /Colour	Black
Chemical properties/ COSHH statement	See SDS latest version is available at www.fsilttd.com or available on request from technical.fsi.uk@etexgroup.com
Size/dimensions (product & installation spacial requirement)	LGS10 - 1000 x 12 x 12mm LGS20 - 1000 x 29 x 12mm LGS25 - 1000 x 32 x 20mm LGS35 - 1000 x 53 20mm LGS50 - 1000 x 61 x 35mm LGS65 - 1000 x 85 x 40 mm LGS75 - 1000 x 90 x 50mm LGS100 - 1000 x 126 x 100mm LGS125 - 1000 x 147 x 125mm LGS150 - 1000 x 170 x 100mm
Shelf life	18 months if stored in accordance with storage conditions.
Chemical Resistance / Limitations	Not to be used where joints are to be constantly immersed in water. Do not use on substrates that are likely to release solvents, oils or plasticizers. Not resistant to water, strong acids, strong bases, oxidizing agents (i.e hydrogen peroxide), alcohols, hydrocarbon solvents.

Product Certification / Approval



Ecode

EC 1+



ISO 9001

11378

Membership



Testing / Classification

Standard	Description	Result
BS 476: Part 20: 1987	General principles for assessing the fire resistance of construction elements	
BS EN 1026:2000	Windows and doors. Air permeability. Test method	Tested at 200 Pa (contact technical.fsi.uk@etexgroup.com for details)
ASTM E84	Standard Test Method for Surface Burning Characteristics of Building Materials	Contact technical.fsi.uk@etexgroup.com for details
BS EN ISO 10140-2:2020	Laboratory measurement of sound insulation of building elements. Measurement of airborne sound insulation	Up to 18dB achievable Contact technical.fsi.uk@etexgroup.com for details

Installation & Operation

FSi Ltd. recommend installation of FSi Ltd. products is carried out by 3rd party certified installers.

The substrate must be clean, dry, sound and homogeneous, free from oils, grease, dust and loose particles. The product does not require a primer on most common surfaces, although adhesion tests are recommended prior to full scale application.

Adequate space and accessibility should be provided for installation of suitable Stopseal LGS system.

Appropriate Stopseal LGS product size must be selected depending on the gap size. Stopseal LGS system can accommodate linear joints to a maximum width of 150mm.

Stopseal LGS Product	Joint Size
LGS10	5 to 10mm joint size
LGS20	11 to 20mm joint size
LGS25	21 to 25mm joint size
LGS35	26 to 35mm joint size
LGS50	36 to 50mm joint size
LGS65	51 to 65mm joint size
LGS75	66 to 75mm joint size
LGS100	76 to 100mm joint size
LGS125	101 to 125mm joint size
LGS150	126 to 150mm joint size

Compress Stopseal LGS between fingers and press into place. Slide in to place to ensure a snug fit to the surrounding building element. Ensure that core recovers and edge of the seal is flush with the face of the joint. Lengths can be cut easily with a Stanley knife to give correct fitting length. Abutting lengths must be positioned tightly together so there are no gaps.

Competence records should be kept for all Individuals installing this product (s). Installations should be suitably recorded and logged.

Maintenance

Recorded inspection should be conducted in line with the maintenance and inspection schedule defined for the building/project. These inspections should be completed and recorded by suitably competent individuals at intervals outlined in the operation and maintenance manual relevant to the building.

Ensure Safe Access and Egress when carrying out maintenance or inspection.

Where product (s) is damaged or tampered, new product should be installed in line with installation guidance.

Handling & Storage

For unopened material, store in a well-ventilated, dry, cool environment. Recommended temp ranges +5°C - +35°C. Protect against exposure to direct sunlight. Always ensure that safe manual handling procedures are followed at all times.

Disposal

The Stopseal LGS is considered a complex article. The individual components may be separated by mechanical means; however, they are currently unable to be recycled.

Stopseal LGS

European Waste Catalogue code: **17 09 04**

(CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES); other construction and demolition wastes; mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03.)

Disposal of Stopseal LGS must be in accordance with a licensed collectors sorting instructions. Avoid the formation of dust during the removal or disposal of this product.

You must classify your own waste, the information given above is guidance only. Waste must be classified on a case-by-case basis.

Please see SDS for more information.

Warranty

FSi Ltd. products are manufactured to rigid standards of quality. Any product which has been applied in accordance with FSi Ltd.'s written instructions and in any application recommended by FSi Ltd., but which is proved to be defective in product quality, will be replaced free of charge. No liability can be accepted for the information provided in this document although it is published in good faith and believed to be correct at time of issue. Any drawings provided are for illustrative purposes only. FSi Ltd. reserves the right to alter product specifications without prior notice, in line with our Company policy of continuous development and improvement. Changes due to new findings are possible, errors and misprints are not excluded. No liability whatsoever will be accepted for any loss, damage or injury arising from the use of the information given. FSi Ltd. have no control over the methods of installation, competence of operatives or suitability of site conditions, no warranties, expressed or implied, are intended to be given as to the actual performance of the product/system mentioned within this document.

