



It's the energy-saving way to create foundations for renovation and new build

Leca® Insulation Fill is lightweight insulation that cuts foundation time by hours. It is available in 50 litre bags, making insulated foundations which comply with the new Part L of the Building Regulations a simple, one man process. What is really clever about Leca® Insulation Fill in bags is that it is stored in the bag, collected and transported in the bag, laid in the site in the bag and covered in concrete - still in the bag.

Meet the building regulations for thermal insulation

U-value (W/m2K)	Nominal Depth(mm)	Quantity (No. of bags)
0.22	300	6 bags per m ²
0.45	150	3 bags per m ²

The 50 litre bags weigh just 15kg and are easily portable. There's no mess, no need for heavy machinery, no heavy lifting and no waste.



Leca®

One Product That Offers Two Solutions, Leca® Insulation Fill is the fastest and easiest method of preparing an insulated oversight for a concrete slab or screed



For further information please call 08443 351770 or contact your local distributor listed below

Your Local Leca® Distributor is:

Leca® A Saint-Gobain brand

Leca® UK
Regus House, Herons Way, Chester CH4 9QR
Phone : 08443 351770 Fax : 01244 893323
Web : www.leca.co.uk
Email : sales@leca.co.uk

Registered Office: 734396
Saint Gobain Construction Products UK Ltd
Saint Gobain House, Binley Business Park,
Coventry CV3 2TT
VAT Reg No: GB 4383 06550

SAVE TIME AND MONEY RENOVATING AND BUILDING NEW FLOORS

IT'S IN THE BAG



Leca® INSULATION FILL

Leca®



The cost and time saving solution for refurbishment

Leca® Insulation Fill saves around 40 man hours per house during installation of insulated solid floors. It cuts turnaround times, minimises disruption for residents and enables two labourers to prepare a 40m² base in just one hour, compared to two days for three labourers to do the same job using hardcore and polystyrene insulation. It also virtually eliminates the need for heavy lorry journeys during works.



Step 1

Lay loose fill to level up the site

Step 2

Lay the bags on the ground

TRADITIONAL METHOD

- > **1. Each house (40m² base) requires approx. 24 tonnes of conventional hardcore**
 - at least one heavy lorry journey per house
 - damage to roads, pavements and underground services
 - traffic, noise, potential danger to residents
- > **2. Hardcore must be unloaded outside**
 - creates mess and can attract vandals
 - requires shovelling into barrows and barrowing into the properties
 - requires tipping, spreading and compaction with a whacker plate
 - requires tipping, spreading and compaction of blinding sand
 - requires reloading of excess & cleaning up of exterior
- > **3. Polystyrene is delivered in large sheets**
 - requires cutting
 - blows around in the wind
 - can be damaged when walked on

**1 HOUSE, 3 LABOURERS,
2 WHOLE DAYS**

LECA® INSULATION FILL METHOD

- > **1. Each house (40m² base) requires approximately 130 bags of Leca® Insulation Fill which weighs less than 2 tonnes**
 - smaller truck to deliver
 - less noise, less danger to residents, less damage
- > **2. Bags are simple to unload (only 15kg)**
 - single man lift
 - carry straight into house
 - lay on floor
 - no compaction required
 - no wastage
 - no mess

**1 HOUSE, 2 LABOURERS,
1 HOUR!**

Step 4

Lay a 1200 gauge damp proof membrane

Step 5

Pour concrete slab or lay screed



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