

# Full-fill glass mineral wool solutions can be the most cost effective option for insulating external masonry cavity walls when looking to achieve compliance with Part L of the Building Regulations.

- Can provide equivalent thermal performance to comparable partial fill solutions
- BBA certified for use in all UK exposure zones
- Water resistant
- Superior environmental performance
- Full-fill solutions can also be used to provide a zero effective U-value in party walls
- 50 year guarantee



Thickness (mm)	Thermal conductivity (W/mK)	Thermal resistance (m <sup>2</sup> K/W)	Length (mm)	Width (mm)	Slabs per pack	Area per pack (m <sup>2</sup> )
<b>Earthwool DriTherm Cavity Slab 32 Ultimate</b>						
125	0.032	3.90	1200	455	4	2.18
100	0.032	3.10	1200	455	4	2.18
85	0.032	2.65	1200	455	5	2.73
75	0.032	2.30	1200	455	6	3.28
65	0.032	2.00	1200	455	10	5.46
50	0.032	1.55	1200	455	14	7.64
<b>Earthwool DriTherm Cavity Slab 34 Super</b>						
150	0.034	4.40	1200	455	5	2.73
125	0.034	3.65	1200	455	6	3.28
100	0.034	2.90	1200	455	8	4.37
75	0.034	2.20	1200	455	10	5.46
<b>Earthwool DriTherm Cavity Slab 37 Standard</b>						
150	0.037	4.05	1200	455	8	4.37
125	0.037	3.35	1200	455	6	3.28
100	0.037	2.70	1200	455	8	4.37
85	0.037	2.25	1200	455	8	4.37
75	0.037	2.00	1200	455	8	4.37
65	0.037	1.75	1200	455	10	5.46
50	0.035	1.40	1200	455	12	6.55

All dimensions are nominal

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# FULL FILL FOR THE PERFECT FIT



## Low Cost



Full-fill glass mineral wool solutions can provide substantial cost savings when compared to partial fill solutions as they require fewer components and are quicker to install.

## Most Commonly Used



Full-fill solutions are the most commonly used in the market with approximately 55% of new build cavity walls using full-fill solutions and 85% of all residential cavity walls when including refurbishment.\*

## Thermal Performance



Fully filled cavities can deliver the same level of thermal performance as comparable partially filled cavities. Fully filling the cavity lessens the risk of reduced thermal performance due to air movement as the cavity is filled and the products knit together to close the joints between them.

## Sustainability



Earthwool® DriTherm Cavity Slabs are manufactured with ECOSE® Technology which reduces embodied energy and delivers superior environmental sustainability compared to other mineral wools. They also come with an A+ generic BRE Green Guide rating.

# FULL FILL FOR THE PERFECT FIT



## Fire Performance

Earthwool DriTherm Cavity Slabs are non-combustible and classified as Euroclass A1 to BS EN ISO 13501-1 – the highest possible 'Reaction to Fire' classification – compared to a D or an E typically achieved by foam plastic insulation materials.



## All Exposure Zones

Earthwool DriTherm Cavity Slabs are BBA certified for use in all UK exposure zones.



## Water Resistant

Earthwool DriTherm Cavity Slabs contain a water repellent additive to ensure that no liquid water is able to pass through the products and reach the inner leaf of masonry. Tests by the British Board of Agrément confirm that they will not transmit moisture by capillary action across the cavity or from below the damp proof course level.



## 50 Year Guarantee

Earthwool DriTherm Cavity Slabs are guaranteed for 50 years to resist the passage of water from the outer to the inner leaf.



\*Construction Markets, 2011



For the Full Facts  
[www.knaufinsulation.co.uk/fullfacts](http://www.knaufinsulation.co.uk/fullfacts)

