BEST PERFORMING PRODUCT

Earthwool DriTherm Cavity Slab 32 Ultimate

with ECOSE® TECHNOLOGY

ADVANTAGES

- Faster and more cost effective to install than rigid foam boards
- No requirement for retaining discs
- BBA certified and suitable for use in all exposure zones
- Moisture resistant

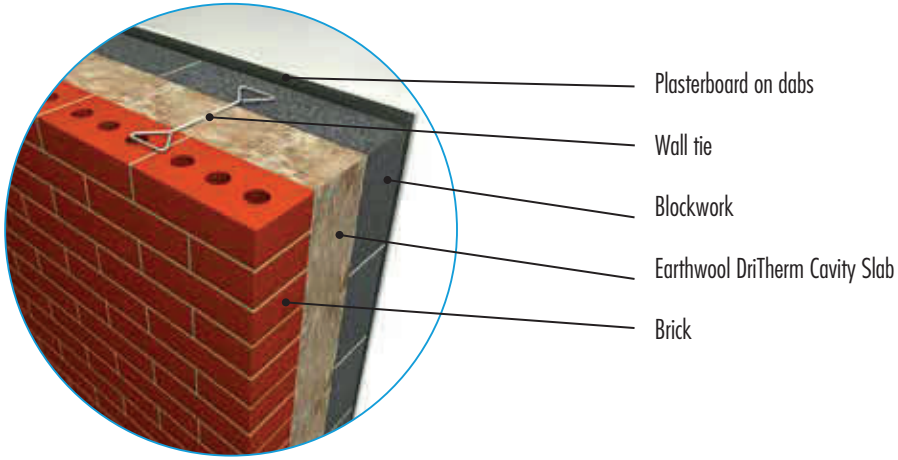
PRODUCT INFORMATION PAGE

OTHER SUITABLE PRODUCTS

BBA APPROVAL INSTITUTE OF BUILDING CERTIFICATION

Generic BRE Green Guide Rating A+

A1 EUROCLASS FIRE RATING



BUILDING REGULATION REQUIREMENTS AND OUR RECOMMENDATIONS

Masonry cavity walls		U-value (W/m²K)	Lightweight aggregate block (0.28W/mK)		Standard aircrete block (0.15W/mK)	
			Product	Thickness	Product	Thickness
Extensions	Minimum required	0.28	Earthwool DriTherm Cavity Slab 37	100mm	Earthwool DriTherm Cavity Slab 37	100mm
	Recommended	0.25	Earthwool DriTherm Cavity Slab 32	100mm	Earthwool DriTherm Cavity Slab 34	100mm
New build	Recommended	0.25	Earthwool DriTherm Cavity Slab 32	100mm	Earthwool DriTherm Cavity Slab 34	100mm
	High performance	0.20	Earthwool DriTherm Cavity Slab 34	150mm	Earthwool DriTherm Cavity Slab 32	125mm

THERMAL PERFORMANCE

Extensions

Where an extension is being built the required minimum U-value for a cavity wall is 0.28W/m²K.

New build

The limiting fabric parameter in Approved Document L1A (both 2010 and 2013) is 0.30W/m²K.

In reality, to provide compliance with most house types we would recommend a U-value of 0.25W/m²K. For a higher level of performance we would suggest a U-value of 0.20W/m²K.

Full-fill mineral wool solutions provide the most cost effective solution to insulating a cavity wall and can provide high levels of savings compared to alternative solutions whilst still providing the required thermal performance.

EARTHWOOL DRITHERM CAVITY SLAB - U-VALUES

thermal acoustic fire

EARTHWOOL DRITHERM CAVITY SLAB 32 ULTIMATE

Insulation Thickness	Lightweight aircrete λ0.11	Standard aircrete λ0.15	High strength aircrete λ0.19	Lightweight aggregate λ0.34	Medium density λ0.51	Block type
100mm	0.23	0.24	0.25	0.25	0.26	U-values (W/m^2K)
125mm	0.20	0.20	0.21	0.21	0.22	
150mm	0.17	0.17	0.18	0.18	0.19	
175mm (100+75)	0.15	0.15	0.16	0.16	0.16	
200mm (2x100)	0.13	0.14	0.14	0.14	0.14	

EARTHWOOL DRITHERM CAVITY SLAB 34 SUPER

Insulation Thickness	Lightweight aircrete λ0.11	Standard aircrete λ0.15	High strength aircrete λ0.19	Lightweight aggregate λ0.34	Medium density λ0.51	Block type
100mm	0.24	0.25	0.26	0.27	0.27	U-values (W/m^2K)
125mm	0.20	0.21	0.22	0.22	0.23	
150mm	0.18	0.18	0.19	0.19	0.20	
175mm (100+75)	0.16	0.16	0.16	0.17	0.17	
200mm (2x100)	0.14	0.14	0.15	0.15	0.15	

EARTHWOOL DRITHERM CAVITY SLAB 37 STANDARD

Insulation Thickness	Lightweight aircrete λ0.11	Standard aircrete λ0.15	High strength aircrete λ0.19	Lightweight aggregate λ0.34	Medium density λ0.51	Block type
100mm	0.26	0.27	0.27	0.28	-	U-values (W/m^2K)
125mm	0.22	0.23	0.23	0.24	0.25	
150mm	0.19	0.20	0.20	0.21	0.21	
175mm (100+75)	0.17	0.17	0.18	0.18	0.18	
200mm (2x100)	0.15	0.15	0.16	0.16	0.16	

BBA APPROVAL INSPECTION TESTING CERTIFICATION
CERTIFICATE 95/3212

with ECOSE® TECHNOLOGY