



Floor Insulation

Ground Floor Insulation - Technical Data Sheet

Sundolitt Floor Insulation is available in a wide range of compressive strengths suitable for domestic, commercial and industrial floors.

EPS offers long term performance with no reduction in thermal or strength properties over the lifetime of the building.


EPS Benefits


-  Excellent thermal properties
-  Lightweight and easy to install
-  Resistant to freeze/thaw
-  Flame Retardant available
-  ODP = 0 GWP = <5
-  Rated A+ in BRE Green Guide
-  Fully Recyclable



Accreditation

Sundolitt Floor Insulation is manufactured in accordance with BS EN ISO 13163.

 QMS
ISO 9001
Registered Company

 EMS
ISO 14001
Registered Company

Standard Sizes Available (mm)		
Length	Width	Thickness
2400	1200	50, 75 and 100

Other thicknesses are available to order

Sundolitt Floor Insulation is suitable for use with underfloor heating systems in domestic, residential and commercial applications. The heating pipes are easily clipped in place through a membrane into the EPS insulation to hold in place.

Sundolitt Floor Insulation - Thermal Resistance (m²K/W)

Thickness (mm)	S70	S100	S150	S200	CE70	CE100
50	1.316	1.389	1.429	1.471	1.613	1.667
75	1.974	2.083	2.143	2.206	2.419	2.500
100	2.632	2.778	2.857	2.941	3.226	3.333


Sundolitt Floor Insulation is available in standard white EPS and enhanced thermal performance grey EPS containing graphite. Available with flame retardant additive.

Sundolitt Floor Insulation - Physical Properties

PRODUCT GRADE	S70	S100	S150	S200	CE70	CE100
Thermal Conductivity (W/mK)	0.038	0.036	0.034	0.034	0.031	0.030
Compressive Strength at 1% nominal Compression (kPa)	20	45	70	90	20	45
Compressive Strength at 10% nominal Compression (kPa)	70	100	150	200	70	100

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