

## Energylite Rolls & Batts



- [DOWNLOAD](#) Energylite Application Specification
- [DOWNLOAD](#) Energylite Data Sheet
- [DOWNLOAD](#) Energylite Installation Methodology (masonry)
- [DOWNLOAD](#) Energylite Installation Methodology (metal surfaces)

Rating: Not Rated Yet  
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### Description

Energylite is manufactured from non-combustible Glasswool bonded with an inert thermosetting resin to form a strong resilient product. Available in batts and blankets.

### QUALITY MANAGEMENT SYSTEM

Isover products are manufactured according to ISO 9001:2008.

### ENVIRONMENTAL SUSTAINABILITY

- Isover products are manufactured according to ISO 14001:2004.
- Less material, less energy and less emissions
  - Zero ozone depleting potential (ODP)
  - Zero global warming potential (GWP)



### FEATURES & BENEFITS

- Life long energy savings
- Available in a variety of thicknesses & densities to suit the application
- Safe application and use
- Long product life
- Exceptional acoustic and thermal properties

## THERMAL PROPERTIES

Significantly reduces heat gains & losses.

## FIRE PROPERTIES

- All low binder Glasswool products are inherently non-combustible
- Non-combustible - tested to SANS 10177 Part 5
- Tested to ASTM E-84
  - Flame Spread Index: 10
  - Smoke Development Index: 5

## ACOUSTIC PROPERTIES

Offers exceptional acoustic properties & enhances indoor environmental quality by absorption of noise. Energylite greatly reduces sound transmission to and from a room or building.

## APPLICATIONS

- A range of batts & blankets for thermal and acoustic control in commercial buildings.
- An industrial thermal insulation for applications up to 450°C
- Conservation & control of heat in boilers, tanks, ductwork, ovens, etc.
- Acoustical correction in compressor houses and machine rooms

## DURABILITY

- Odourless, inert & fully compatible with all standard building materials & components
- Will not promote corrosion of steel, copper or aluminium
- Will not sustain vermin
- Will not breed or promote fungi, mould or bacteria
- Non-hygroscopic
- Dust settlement will not hamper the products performance
- Prevents condensation on cold surfaces protecting underlying materials

## PHYSICAL PROPERTIES (Click on Image to enlarge)

PHYSICAL PROPERTIES										
Density (kg/m <sup>3</sup> )	Thickness (mm)	Boards			Rolls			Thermal Conductivity (m.K/W)	R-Value	Noise Reduction Coefficient (NRC Value)
		Dimensions (mm)	Qty/ Pack (Batts)	Dimensions (mm)	Qty/ Pack (Rolls)					
24	25	1200 x 600	30	10000 x 1200	1	0.036	0.69	-		
	40	1200 x 600	20	8000 x 1200	1	0.036	1.11	-		
	50	1200 x 600	20	5000 x 1200	1	0.036	1.39	0.90		
	75	1200 x 600	15	3000 x 1200	1	0.036	2.08	-		
	100	1200 x 600	5	N/A	N/A	0.036	2.78	-		
40.5	25	1200 x 600	25	10000 x 1200	1	0.032	0.98	-		
	40	1200 x 600	15	8000 x 1200	1	0.032	1.35	-		
	50	1200 x 600	15	5000 x 1200	1	0.032	1.95	0.95		
64	25	1200 x 600	25	N/A	N/A	0.032	0.98	-		
	40	1200 x 600	15	N/A	N/A	0.032	1.35	-		
	50	1200 x 600	15	N/A	N/A	0.032	1.95	1.00		

## INSTALLATION INSTRUCTIONS

Please refer to our technical solutions centre for installation instructions.

## HANDLING & STORAGE

Store product undercover, and in dry conditions. Store flat. Handle with care, especially on the edges and corners, which can be damaged if subject to sharp or heavy impact. Do not apply excessive pressure, for example by standing or sitting on the product, as permanent damage may be caused.

## ARCHITECTURAL SPECIFICATION

Install (25/40/50/75/100)mm thick non-combustible, lightweight "Energylite" Glasswool insulation blanket/batts of (24/47.5/64/96)kg/m<sup>3</sup> density sfor heat and/or acoustic control. Install in accordance with industry best practice.

**Reviews**

There are yet no reviews for this product.