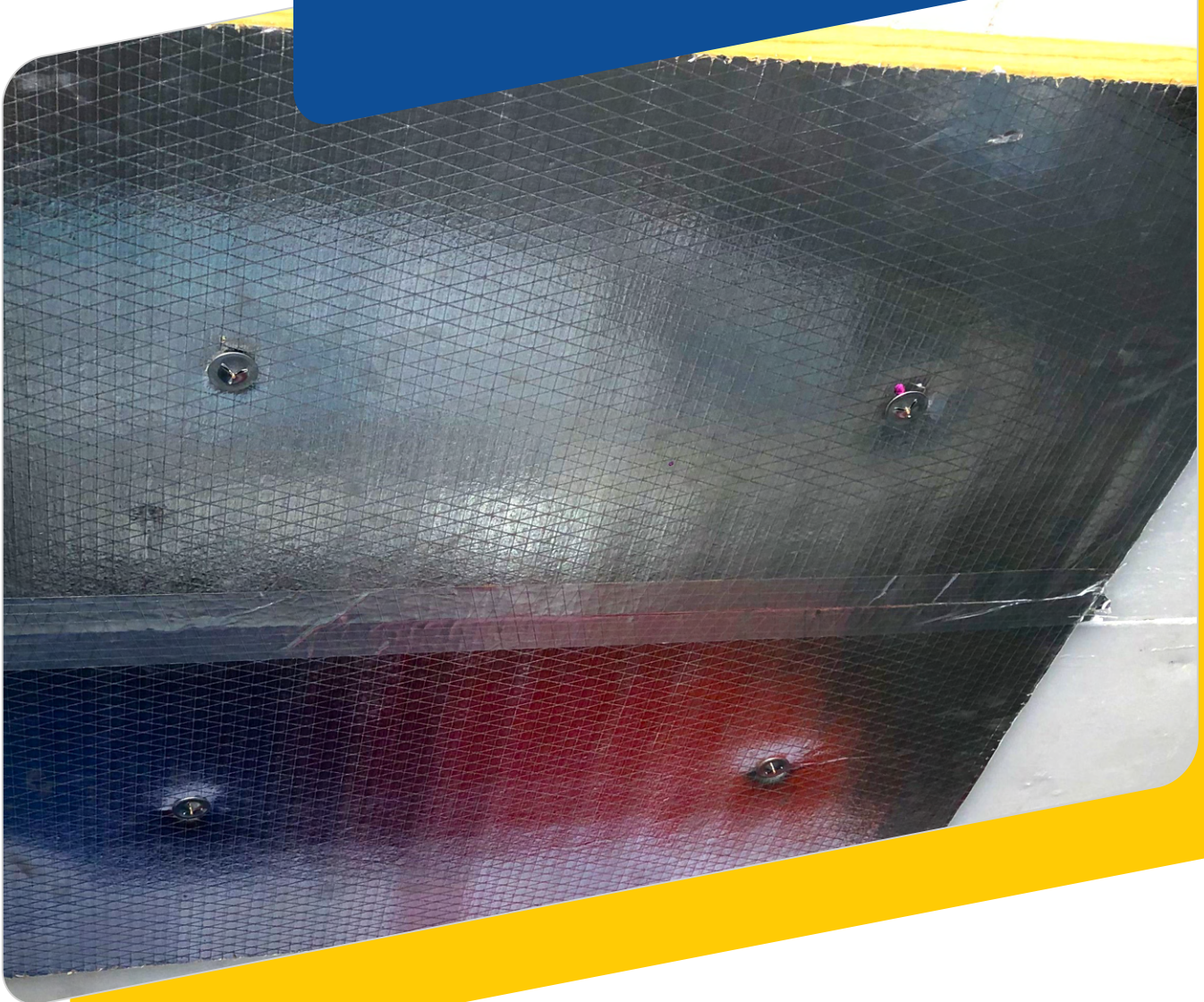
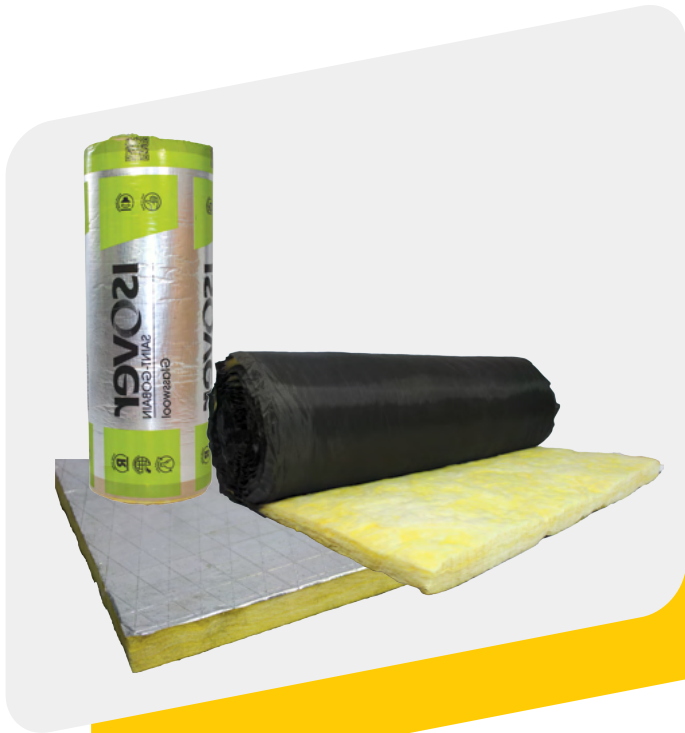




Faced Energylite

Faced Glasswool: a range of commercial & industrial batts & blankets





Faced Energylite® is a technical Glasswool insulation product manufactured in batts and rolls that is available in various facing options.

TECHNICAL DATA SHEET



ENERGY SAVING

DESCRIPTION

Faced Energylite® is manufactured from non-combustible Glasswool, bonded with an inert thermosetting resin to form a strong resilient product. It provides excellent thermal and acoustic insulation properties, making it fully compatible with standard equipment and building materials. Faced Energylite® is available in various facings including foil and sonic tissue.

QUALITY MANAGEMENT SYSTEM

Isover products are manufactured according to ISO 9001:2015.

ENVIRONMENTAL SUSTAINABILITY

Isover products are manufactured according to ISO 14001:2015. Less material, less energy, and less emissions

- Zero ozone depleting potential (ODP)
- Zero global warming potential (GWP).

FEATURES & BENEFITS

- Energy saving
- Available in a variety of thicknesses, densities, and facings to suit the application
- Safe application and use
- Long product life
- Exceptional acoustic and thermal properties.

THERMAL PROPERTIES

Significantly reduces heat gain and loss.



NON-COMBUSTIBLE



THERMAL COMFORT



SOUND INSULATION & ABSORPTION

FIRE PROPERTIES

*Non-combustible

ACOUSTIC PROPERTIES

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

APPLICATIONS

- A range of batts and blankets for thermal and acoustic control in commercial buildings
- An industrial thermal insulation for applications up to 350°C
- Conservation and control of heat in boilers, tanks, ductwork, ovens, etc
- Acoustical correction in compressor houses and machine rooms.

DURABILITY

- Inert and fully compatible with all standard building materials and components
- Will not breed or promote fungi, mould or bacteria.

INSTALLATION INSTRUCTIONS

Please refer to our technical solutions centre for installation instructions.

HANDLING & STORAGE

Store product under cover 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.

*Non-combustible based on empirical data

PHYSICAL PROPERTIES

Product Name	Density (kg/m ³)	Facing	Thickness (mm)	Batts	Rolls	K-value (W/m.k)	R-value (m ² /K.W)
				Dimensions (mm)	Dimensions (mm)		
Energylite® 24	24	Foil	25	-	10000 x 1200	0.036	0.69
		Foil	40	-	8000 x 1200	0.036	1.11
		Sonic	25	1200 x 600	10000 x 1200	0.036	0.69
		Sonic	40	-	8000 x 1200	0.036	1.11
Energylite® 32	32	Sonic	50	1200 x 600	-	0.036	1.39
		Sonic	100	1200 x 1000	-	0.036	2.78
		Sonic	50	1200 x 600	-	0.036	1.39
Energylite® 47.5	47.5	Foil	50	1200 x 600	5000 x 1200	0.032	1.56
		Sonic	25	1200 x 600	-	0.032	0.78
		Sonic	40	-	8000 x 1200	0.032	1.25
		Sonic	50	1200 x 600	-	0.032	1.56
Energylite® 64	64	Foil	50	1200 x 600	-	0.032	1.56
		Sonic	25	1200 x 600	-	0.032	0.78
		Sonic	40	1200 x 600	-	0.032	1.25

THERMAL CONDUCTIVITY (According to EN 12 667)

Product Name	T (°C)	100	200	300	350
Energylite® 47.5	(W/m.K)	0.040	0.060	0.087	0.104

Max. Service Temp. (MST)

Product Name	MST under 250 Pa*
Energylite® 47.5	350°C

*According to EN 14 706

ARCHITECTURAL SPECIFICATION

Install (25/40/50/100) mm thick non-combustible, lightweight "Faced Energylite®" Glasswool insulation blankets/batts of (24/32/47.5/64) kg/m³ density for heat and/or acoustic control. Install in accordance with industry best practice.

