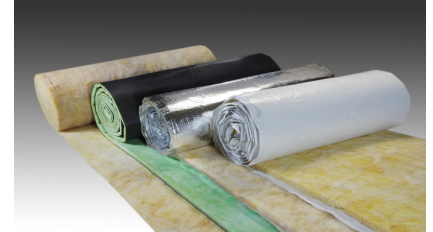


Product description and typical applications

Manufactured from stable glass fibres bonded with thermosetting resins. They are light in weight, strong, resilient and easy to handle.

For thermal and/or acoustic insulations of all buildings walls and roofs.

Building rolls are available unfaced or with a variety of facings to suit the applications: white vinyl, FSK, metallized polyester, Kraft paper and glass tissue.



Physical Characteristics

Code #	Description	Width (mm)	Thickness (mm)	Size
308637	Blanket Rolls 12kg/m ²	1200mm	50mm	20 meters
308638	Blanket Rolls 12kg/m ²	1200mm	50mm	20 meters
308681	Batt 24 kg/m ²	1200mm	100mm	600mm

Performance

Working Temperature: Fibre 230 °C; FSK 100 °C; Vinyl 80 °C; Metallized polyester 80 °C.

Durability: Dimensionally stable under varying conditions of temperature and humidity, rot proof, odourless, non-hygroscopic and will not sustain vermin or fungus; Longer life due to no sag and settling.

Installation:

Wall construction of lightweight metal sheeted buildings is frequently un-insulated, leading to extremely uncomfortable working conditions or excessive cooling requirements. Insulation rolls can be fitted to new and existing buildings to alleviate these problems.

New Construction:

Insulation rolls is fixed at the head of the wall and allowed to drape down the length. The insulation roll may be fixed to sheeting rails with the faced side to the inside of the building if no lining sheets are to be used or alternatively by trapping the insulation between external and internal sheeting. Spacer bars of non compressible material should be used to prevent undue crushing of the insulation.

Existing Buildings:

Insulation rolls may be installed from within existing buildings by using a "T" bar suspension grid and liner sheets. The insulation can be cut to suit the size of lining sheet and fixed to the back of the sheet with adhesive or mechanical fasteners. The lining is then installed in the grid system in the normal manner.

As an alternative to the above, timber packing strips may be cut to suit the sheeting rails and screwed in place. Fix the building roll at the head of the wall by screws into the timber packer with a steel strip placed on top of the insulation directly over the packer. Repeat as required at other sheeting rail locations, ensuring that the building rolls are closely butted to each other with the edge flanges overlapping.



Classification:

IARC (International Agency for Research on Cancer):
 EUROPEAN DIRECTIVE 97/69EC, Note Q:
 OSHA :

Classified as 3
 NO CARCINOGENICITY
 Not listed

Ingredient information:

These products are not manufactured with, nor do they contain any Class I ozone depleting chemicals as defined by the EPA in Title VI of the Clean Air Act Amendments of 1990, 40 CFR Part 82, Protection of Stratospheric Ozone.

Ingredient	%	Permissible exposure limit
Fibrous Glass	78 to 95	
Urea-Phenol Formaldehyde		5 mg/m ³ - Nuisance respirable dust (OSHA)
Resin cured	5 -12	
FSK.ASJ.MB2001,BGT	0-10	None (OSHA)
Vinyl		

Physical Data

Boiling Point (° F) : > 2550° (glass)
 Melting Point (° F) : 2550° (glass)
 Softening Point (° F) : > 1200°
 Odour : Faint resin odor
 Colour : Yellow
 Vapour Density (Air = 1) : N/A
 Specific Gravity (H₂O = 1) : Glass = 2.5
 Evaporative Rate (ethyl ether =1) : N/A
 Vapour Pressure (mm Hg @ 20°C) : N/A
 % Volatile by Volume : N/A
 % Solubility : Small
 Appearance: Fibers assembled into tubes - blankets or boards. The products may be faced with Kraft, aluminium foil, vinyl or a combination thereof.

Fire and Explosion Hazard Data

Flash point (° F) and Method: Does not support combustion.
 Flammable limits: LEL: N/A; UEL: N/A
 Auto ignition Temperature: N/A
 Extinguishing Media: Use that which is applicable to surrounding fire.
 Special Fire-Fighting Procedures: Treat as residential building materials.
 Unusual Fire and Explosion Hazard: Facings on these products may burn. Care should be taken to not leave facing exposed when working close to an open flame. These products contain a cured phenolic-based binder. The binder, Kraft & metallized polyester facings in a fire situation may emit toxic fumes and smoke containing Carbon dioxide, Carbon monoxide and molecular fragments of hydrocarbon particulars, carbon-hydrogen-nitrogen and nitrogen-oxygen compound. Vinyl facings may thermally decompose at about 260°C (500°F) and release hydrogen chloride.

