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Glasswool SPI

Insulock supplies Glasswool SPI where suitable as the ideal insulation to use in conjunction with Insulock PVC cladding for applications in excess of 100°C. Combining the two products creates a complete off the shelf, easy to install, UV resistant vapour sealed insulation system.

Glasswool Sectional Pipe Insulation (SPI) is manufactured by spinning molten glass, containing a up to 80% recycled content, into fine wool like fibres. These are bonded together using a thermosetting resin.

It provides excellent thermal insulation up to a working temperature of 200°C as well as personnel protection and energy savings benefits. Single pieces are pre-slit for easy installation by one person. There are a range of standard thicknesses to meet BCA Energy requirements. Material is bio soluble and approved for use on site by Unions. If product becomes wet, no loss of properties occur after product dries out.

Glasswool SPI is available faced with Thermofoil to provide some minor protection or un-faced to be covered by a suitable jacketing. Weather protective jacketing may be required to protect the pipe insulation and piping from weather and mechanical damage.

Glasswool is available in all common sizes available for Copper, Steel and Plastic and with varying wall thickness.

Physical Properties:

Maximum Service Temperature	Glasswool: 350°C; Facing 70°C
Thermal Conductivity	k=0.032 W/m k; when tested at 20°C
Fire Hazard Properties	Ignitability: 0 Spread of flame: 0 Heat Evolved: 0 Smoke Developed: 0
Corrosion Resistance	pH 7.5-8.0 incapable of corroding steel
Moisture Absorption	Less than 0.2% by volume
AS4859 Compliance	Complies

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