

# Thermostik<sup>®</sup> 830-22A

## Roof Insulation Adhesive

### Physical Properties

-Colour	Cream	-Application Temperature	-10°C to 40°C (14°F to 100°F)
-Solids by Weight	79% (approx.)	-Service Temperature	- 40°C to 85°C (-40°F to 185°F)
-Weight	1.3 kg/l (approx.) (10.8 lbs./U.S. gal.)	-Flammability	
-Coverage	4.5 m <sup>2</sup> /L (190 ft <sup>2</sup> /U.S. gal.)	Wet	Flammable
-Drying Time	@ 50% R.H. 20°C (68°F)	Dry	Burns
Initial Set	2 hours		
Set Through	24 hours		

### Description

**Thermostik<sup>®</sup> 830-22A** is an elastic, cream coloured insulation adhesive of high solids content, which develops a strong, resilient bond. The product, because of its special synthetic rubber and solvent composition can be applied at low temperatures. It is moisture and fungus resistant when cured.

### Features

- High Flashpoint, above 55°C (130°F)
- Develops a strong bond
- Can be applied to damp surfaces
- Polystyrene compatible
- Medium consistency
- Can be applied at temperatures below freezing
- Compatible with asphalt and coal tar roofing

### Uses

Used for bonding insulation boards such as polystyrene or fibrous glass to steel, wood or gypsum board in the construction of roof decks. Can be used for laminating insulation panels to one another and for adhering fiberboard panels to the insulation. Can also be used for bonding certain sheet vapour barriers to roof decks and for adhering **Re-Cover Board** to existing BUR systems.

**Thermostik<sup>®</sup> 830-22A** is compatible with and can be used to adhere insulation or fiberboard panels to aged asphalt or coal tar roofs.

### Limitations

The components of **Thermostik<sup>®</sup> 830-22A** do not attack polystyrene insulation at temperatures below 30°C (85°F). Polystyrene insulation may be affected by the solvent system in uncured **Thermostik<sup>®</sup> 830-22A** if temperatures are in excess of 30°C (85°F). If surface temperatures are above 30°C (85°F), an open time of one hour prior to bonding is required. Refer to application details. Follow bead size and coverage recommendations. Excess adhesive may have adverse effects on some materials.

**Thermostik<sup>®</sup> 830-22A** is not recommended for adhering polyisocyanurate insulation without the additional use of mechanical fasteners.

### Preparation

Surfaces must be sound, clean and free from contaminants and loose material. Dampness is tolerable.

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### Application

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For application at low temperatures, condition the adhesive at room temperature prior to application.

**Bead Method:** Pour the adhesive from the spout of the container in beads of 20 mm (3/4") wide on 300 mm (12") centres. Place the panel and apply pressure to ensure maximum contact. **When using polystyrene insulation and surface temperatures are above 30°C (85°F) use the bead method and allow a minimum open time of one hour prior to placing the insulation.**

### Clean Up

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Use citrus based cleaners, mineral spirits or other low hazard solvent for cleaning tools and equipment.

### Caution

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Contains flammable solvents. Take suitable fire precautions. Do not use an open flame or torch directly on the adhesive. Use in well ventilated areas. Keep containers closed when not in use. Harmful if swallowed. < >