

Thermostik[®] 880-33

Non-Flammable Roof Insulation Adhesive

Physical Properties

-Colour	Black	-Application Temperature	-10°C to 40°C (14°F to 104°F)
-Solids by Weight	50% (approx.)	-Service Temperature	-40°C to 85°C (-40°F to 185°F)
-Weight	1.3 kg/l (approx.) (11 lbs./gal. US)	-Flammability	Wet Non-Flammable Dry Burns
-Coverage	4.5 m ² /Litre (190 ft ² /gal. US)		
-Drying Time	@ 50% R.H. 20°C (68°F)		
Initial Set	30 minutes		
Set Through	16 hours		

Description

Thermostik[®] 880-33 is an elastic, rapid setting insulation adhesive which develops a strong resilient bond. The product, because of its special synthetic rubber and non-flammable solvent composition, can be applied at low temperatures and sets rapidly. It is non-flammable during application and is moisture and fungus resistant when cured. Specially formulated for use with polyisocyanurate insulation.

Features

- Cold applied adhesive for polyisocyanurate insulation
- Non-flammable during application
- Sets rapidly and develops a strong bond
- Medium consistency
- Can be applied at temperatures below freezing
- Compatible with asphalt and coal tar roofing

Uses

Used for bonding insulation boards such as polyisocyanurate, fibrous glass or mineral fibre to steel, wood, gypsum board or concrete in the construction of roof decks as well as to modified bitumen membrane air/vapour barriers, kraft vapour barrier, asphalt built-up vapour barriers, and **Blueskin[®] Air/Vapour Barriers**. Can also be used for laminating insulation panels to one another and for adhering fibreboard or **Re-Cover Board** panels to the insulation.

Thermostik[®] 880-33 is compatible with and can be used to adhere insulation or fibreboard panels to aged asphalt or coal tar roofs.

Limitations

Do not use in contact with foamed polystyrene insulation. Avoid use where solvent odours may taint food or other susceptible products. Do not apply to wet surfaces. Do not use to adhere polyisocyanurate foam insulation panels exceeding 1200 mm x 1200 mm (4' x 4') in size. Beads applied excessively thicker than specified will prolong curing and can result in attack on polyisocyanurate insulation.

Preparation

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

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Application

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

Spot Method: Apply to the insulation in spots of 25 mm (1") on 225 mm (9") centers. Spots compressed should be approximately 40 mm (1 ½") to 50 mm (2") diameter. Apply boards using pressure at several points to achieve maximum contact.

Bead Method: The adhesive may be poured from the spout of the container in beads of 20 mm (¾") wide on 300 mm (12") centers. Place the panel and apply pressure to ensure maximum contact.

Install insulation panels into wet adhesive as soon as possible.

Clean Up

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

Caution

Contains chlorinated solvents. Use under well ventilated conditions. Avoid prolonged breathing of vapours and repeated contact with the skin. Harmful if swallowed. Keep containers covered when not in use.

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