

Thermostik® 840-10 Internal Setting Roofing Adhesive

Physical Properties

-Colour	Black	-Setting Time @ 20°C	
-Solids by Weight	100%	Set Through	2 hours
-Unit Weights		-Application Temperature	-10°C to 40°C
Component A	9 kg (20 lbs.)	-Service Temperature	-40°C to 80°C
Component B	1.9 kg (4 lbs.)	-Flammability	
-Mixed Weight	0.9 kg/l (7.5lbs./U.S. gal)	Wet	Non-Flammable
-Coverage	± 60 m ² (600ft ² /Unit)	Dry	Burns
-Working Time @ 20°C	45 minutes	Flash Point	Above 150°C

Description

Thermostik® 840-10 is a 100% solids, asphalt extended, ambient temperature, vulcanizing adhesive, supplied as a two component unit consisting of two liquids which are mixed to produce a pourable adhesive.

Features

- Sets very rapidly and develops a strong bond
- Internal setting - may be used between impervious surfaces
- 100% solids - solvent free
- Elastomeric - remains flexible after curing
- Wide temperature window - can be applied at temperatures down to -10°C
- Compatible with all insulation including polystyrene
- Can be used on asphalt and coal tar surfaces

Uses

Thermostik® 840-10 is used for bonding fibreboard, polystyrene, polyisocyanurate, fibrous glass, asphaltic boards, or mineral wool to wood, aged asphalt composition or coal tar roofing, or concrete in the construction of roof decks as well as to modified bitumen membrane air/vapour barriers, asphalt built-up vapour barriers, and **Blueskin®** membranes. Can also be used for laminating insulation panels to one another.

Used as a non-shrink filler in conjunction with **Blueskin® Primer Ultra** for "plastic boxes" or "pitch pans".

Limitations

Ensure that the entire contents of Component B are mixed with Component A. Do not scale down units. Apply the adhesive as soon as possible after mixing, preferably within 30 minutes.

Preparation

Surfaces must be dry, free of frost, dust or other matter that would impair adhesion.

Mixing

Pour the entire contents of Component B into Component A container. Mix using a 2" electric drill with an impeller type stirrer until the contents are well mixed and uniform. For best results, materials should be conditioned at 15°C to 25°C prior to mixing.

Thermostik® 840-10 Internal Setting Roof Adhesive

Application

After complete and thorough mixing of the two components, immediately pour the adhesive from the spout of the container in beads of 20 mm (3/4") wide on 300 mm (12") centers. Apply four beads per 1200 mm (4 ft) width of insulation panel evenly spaced. Place panels immediately and apply pressure to ensure maximum contact.

When **Thermostik® 840-10** is used as a pitch pocket filler, prime metal using **Blueskin® Spray Prep Primer** and line the bottom half of the pitch pocket using **Blueskin® RF200 Self-adhesive Membrane**. Seal around penetration and perimeter of pitch pocket using **925 BES Sealant**. Mix **Thermostik® 840-10** as described above and pour to fill the pitch pocket. If settling occurs, top up to ensure no standing water occurs.

Clean Up

Use mineral spirits or other low hazardous solvents.

Caution

Avoid prolonged breathing of vapour and repeated contact with the skin. Harmful if swallowed.