



220-05

Non-Flammable Water Based Insulation Adhesive

Physical Properties

-Colour	Beige	-Service Temp. (glue line)	Minus 30°C to 60°C (Minus 22°F to 140°F)
-Solids by Weight	50% (approx.)	-Application Temp.	Minimum 5°C (40°F)
-Weight	1.0 kg/l (8.3 lbs./gal US) (approx.)	-Flammability	
-Coverage	5 to 15 m ² /l (200-600 ft ² /gal. US)	Wet	Non-flammable
-Drying Time	@ 50% R.H. 20°C (68°F)	Dry	Low Flame Spread
Initial Set	15 minutes		
Set Through	8 hours		

Description

A light coloured, polymer emulsion based adhesive for bonding fibrous insulation materials to metal and facings.

Features

- Rapid setting
- Non-flammable during application
- Water-based
- Dries to a tacky, flexible film
- Dry film is waterproof
- Good aging characteristics
- Can be applied by brush, spray, roller coat or duct liner machine

Uses

Used for bonding insulation materials such as low-density fibrous glass to metal in the fabrication of ductwork and equipment in heating and air-conditioning installations. Can also be used for sealing the edges of the insulation and for repairing damaged duct insulation coating and for adhering vapour barrier jacketing and facing materials to insulation.

Limitations

Apply at temperatures above 5°C (40°F). Protect from rain or frost until fully cured.

Preparation

Surfaces must be dry and free from frost, dust, dirt, grease, oil or other contaminants. Glue line temperatures should be at least 5°C (40°F).

Application

May be applied by brush, spray, roller or duct liner machine. In bonding insulation to metal, the adhesive is applied to the metal and the insulation is applied while the adhesive is wet or tacky. For laminating facings to insulation, the adhesive is applied to the backside of the facing and then bonded to the insulation.

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Clean Up

For uncured film use water. Use mineral spirits for cured films.

Avoid Freezing

During storage, application and before material has cured.

Caution

Harmful if swallowed. < >