TECHNICAL DATA SHEET

120-09

Fire Resistive Lagging Coating Heavy Duty

Physical Properties

-Colour	White as supplied (may be factory or field tinted).	-Flammability	Non-flammable
-Solids by Volume	50% (approx.)	Wet	Flame Spread
-Weight	1.33 kg/l (13.3 lbs./gal.) approx.	Dry	(CAN/ULC S-102) applied at 1.5 m^2/l (75 ft^2/gal.) on cement board.
-Coverage	1.2 to 1.7 m^2/l (60 to 85 ft^2/gal.), depending on lagging cloth used)		Flame Spread Classification FSC1 6 Smoke Developed 11
-Drying Time	@ 50% R.H. 20°C (68°F) Dry Substrate	-Chemical Resistance	Resists water, petroleum solvents, mild acids, alkalis and salt solutions.
Touch Dry	One hour		
Firm Dry	4 to 6 hours	-Water Vapour Permeance (ASTM E96)	Two-coat application 57 ng/Pa.m^2.s (1.0 perm)
-Service Temp.	Minus 35°C to 85°C (Minus 31°F to 185°F)		
-Application Temp.	Minimum 7°C (45°F) Maximum 40°C (104°F)		

Description

A white, fire resistive resin emulsion insulation lagging coating, which dries to a tough, flexible, weather-resistant finish. Resistant to water, mild acids, alkalis, petroleum solvents and salt solutions. When combined with heavy glass cloth or canvas, excellent puncture resistance is achieved. May be factory or field tinted to meet special colour requirements.

Features

- Washable finish
- Fire resistive
- Contains fungicide
- Brush consistency
- Indoor or outdoor use

Uses

Used as a finish or combined adhesive and finish for installing lagging materials such as glass cloth, canvas, muslin or scrim. Used as a protective coating for thermal insulation on lines, ducts and equipment operating at above ambient temperatures. May be used on cold water or duo-temp insulation in low to normal humidity environments. Where high humidity may be expected, use **130-12**.

Limitations

Protect from rain, frost or high humidity until coating has fully cured. Where a vapour barrier finish is required for indoor use, or where service under high humidity conditions is required, apply two or more coatings of **130-12** over the cured **120-09** finish.

Preparation

Insulation surfaces must be clean, free from surface irregularities, open joints, moisture or frost. Prime dusty or porous surfaces with **120-09** diluted 50% with water and allowed to dry. Insulation cement should be thoroughly dry before application of the coating.

Application

Standard: Apply by brush a continuous coating at approximately 1.2 m^2/l (60 ft^2/gal.). Embed lagging cloth into the wet coating smoothing out all wrinkles. Lap ends and edges at least 75 mm (3"). Apply a top coating at approximately 1.7 m^2/l (85 ft^2/gal.) ensuring that the lagging cloth is completely coated. Smooth to a uniformly even finish.

Heavy Duty: Apply by brush a continuous coating at approximately 1.2 m^2/l (60 ft^2/gal.). Embed **990-06 Yellow Jacket** into the wet coating smoothing out all wrinkles. Lap ends and edges at least 75 mm (3"). Apply 2 coatings at 1.7 m^2/l (85 ft^2/gal.) per coat, allowing a minimum drying time of one hour between coats. Smooth to a uniformly even finish.

Clean Up

For uncured material wash with water. Use solvent type paint strippers for cured films.

Avoid Freezing

During storage, application and before material has cured. Do not apply to excessively wet surface.

Caution

Harmful if swallowed. < >