



120-18

Fire Resistive Lagging Coating

Physical Properties

-Colour	White	-Flammability	Non-Flammable
-Solids by Volume	35% (approx.)	Wet	Flame Spread
-Weight	1.3 kg/l (approx.) (13 lbs./gal.)	Dry	(CAN/ULC-S102) 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 materials used		Flame spread Classification FSC1 0
-Drying Time	@ 50% R.H. 20°C (68°F) Dry Substrate		Smoke Developed <5
Touch Dry	One Hour	-Chemical Resistance	Resistant to water, petroleum, solvents, mild acids and alkalis.
Firm Dry	4 to 6 Hours	-Water Vapour Permeance	Breather
-Service Temp. (coated face)	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 lagging coating. The dried coating provides a neat, washable finish that is resistant to oil, water, mildew and fungus. Suitable for indoor use where a thick coating is not required.

Uses

Used for cementing laps on canvas, asbestos and glass lagging cloth, or as a sizing and finish when used in multiple coats with lagging fabrics.

Limitations

Protect from rain, frost or high humidity until coating is fully cured. Where a vapour barrier finish or service under high humidity conditions is required, apply two or more coats of **130-12** over the cured **120-18** finish.

Preparation

Insulation surfaces must be dry, clean, and free from irregularities and open joints. Dusty or porous surfaces should be prime coated with **120-18** diluted 50% with water and allowed to dry.

Application

Factory Wrapped Insulation: Apply a heavy brush coat of **120-18** to all laps of factory wrapped insulation. Embed canvas lap into the wet coating and smooth out all wrinkles. Apply by brush or spray a continuous coating of **120-18** to the entire surface of the insulation at 1.2m²/l (60 ft²/gal.) ensuring lagging cloth is completely coated.

Standard Lagging: Apply by brush or spray a continuous coating of **120-18** at 1.2 m²/l (60ft²/gal.) to the surface of the insulation. Embed lagging cloth into the wet coating smoothing out all wrinkles and lapping ends and edges at least 75mm (3"). Apply a top coating of **120-18** at 1.7 m²/l (85 ft²/gal.) over the entire surface ensuring that the fabric is completely coated. Smooth to a uniformly even finish.

Clean Up

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

Caution

Harmful if swallowed.

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