

Technical Data Sheet

SHOOLIN BOND HV 30-36

SHOOLIN®

Type HVAC Duct Insulation Coating

Description SHOOLIN BOND HV 30-36 is a commercial water based coating for Duct Insulation. It is washable, tough, and abrasion resistant. Its acts as lagging & lap adhesive for canvas and glass reinforcing cloth. Due to its excellent brushing characteristic it provides excellent brushing characteristics

Recommended Use It is used for outdoors as well as indoors thermal insulation material on metal duct, in areas where with high humidity and elevated temperature are major problems. It may be applied to the joints or edges of fibrous duct liner insulation to seal and prevent air erosion.

Features

- Good Adhesion and high Strength
- Washable and Water Resistant
- Compatible with Polystyrene and Polyurethane Foam Insulation
- Non Toxic and Non Flammable
- UV Resistant
- Antibacterial and Antifungal
- Doesn't get discolored with age

Form Supplied Thixotropic Paste (White Color)

Specification

Property	Value	Unit of Measurement	Method
Specific Gravity	1.50±0.10	Kg/Lt.	ASTM D 1475-98
Solid Content	65 ±5	%	ASTM D 1644-01
Viscosity	30000-50000	cPs	ASTM D 2196
Flash Point	>100	°C	ASTM D 93
VOC Content	<0.01	g/Lt.	ASTM D 2369-98
Water Permeance	1.3	Perms	ASTM F 1249
Drying Time	60	mins., .	ASTM D 1640

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Other Data*

Appearance	White Thixotropic Paste
Service Temperature	-18° C to 120°C
Chemical Resistance	Excellent
Cure Film	Flexible, Tough
UV Resistivity	Excellent
Insulation Properties	Excellent
Coverage	4 to 5 m2 /per liter @ 150 to 210 DFT

Surface Preparation

The surface should be structurally sound, clean, dry, leveled and free from dust curing compounds grease and other loose debris according to BS 8203

Application Procedure

Apply a tack coat of **SHOOLIN BOND HV 30-36** @ 3 to 3.5 m²/ liter. After applying tack coat immediately imbed the selected lagging fabric smoothly into the wet coating. Apply two finish coats of **SHOOLIN BOND HV 30-36** at the rate of 4 to 5 m2 / liter. *Special Note:*
*It is very important to ensure that each coat of **SHOOLIN BOND HV 30-36** is totally cured before the next coat is applied. The dry film thickness will vary with fabric selected.*

Packaging

5Kg & 25 Kg Plastic Pail

Storage

SHELF LIFE up to eight month from manufacturing date, if stored below 25°C SHELF LIFE up to twelve month from manufacturing date, if unopened
Store under cover, protect from direct sunlight and high temperature (> 300 °C)
Failure to comply with the recommended storage conditioning may result in premature deterioration of the product or packaging.

Cleaning

Clean with warm water and soap when wet. Mineral spirit, when dry.

Health & Safety

As with all chemicals, caution should always be exercised.