



DEUCOAT 30-80

(Vapor Barrier HVAC Waterproof Coating Adhesive)

DESCRIPTION

DEUCOAT 30-80 is a acrylic resin water based vapor barrier coating specially manufactured for all types of internal and external thermal insulation duct systems. It is formulated for increased vapor barrier protection, weatherproof and for heavy duty commercial or industrial purposes.

USES

Ideal for use over Internal and External HVAC duct, ASJ, FRK, and FSK jackets and board facings to give a vapor barrier seal at joints, laps, and weld pin punctures.

It is used for sealing and fitting, piping, vessel ducts and equipment operating between 0°C and ambient temperatures.

It is used on mineral wool, glass fiber, and polyurethane foam.

FEATURES & ADVANTAGES

- Due to excellent brushing characteristic it has very good coverage and labeling properly.
- It does not change Color with age
- It does not contain asbestos, lead mercury or mercury compound
- Resistance to water and moisture
- Shield to ultra violet radiations
- Crack Resistance
- Smooth finish on almost all substrates

COVERAGE

The wet coverage is approximate 4 to 5 m² /per liter, depending upon type of surface and texture. The coverage can be varying with the fabric selected. The mentioned wet coverage is for smooth and non porous surfaces. Porous or rough surfaces will reduce the coverage

SURFACE PREPARATION

The surface should be clean, dry and free from oil, grease and loose particles.

METHOD OF APPLICATION

Apply a tack coat of **DEUCOAT 30-80** @ 4 to 5 m² / liter After applying tack coat, immediately imbed the selected lagging fabric smoothly (avoid wrinkles and overlaps) in to the tack coating. Within 4 hours apply two finish coats of **DEUCOAT 30-80** @ ~1.50 to 2 m²/liter. It is very important to ensure that each coat of **DEUCOAT 30-80** is totally cured before the next coat is applied.

MODE OF APPLICATION

Brush- Use suitable paint brush and apply with full brush and spread out evenly.

Roller- Use medium size paint roller and dipped fully and spread out evenly.

Spray- **DEUCOAT 30-80** can be applied with airless spray. For airless equipment information, please contact your equipment supplier followed by product viscosity mentioned in data.

CLEANING

Clean all the tools immediately with clean water.

STORAGE & SHELF LIFE

Store under cover, protect from direct sunlight and high temperature (>35°C). Shelf life is up to 12 months in unopened container when stored as directed.

Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging.



PACKING

DEUCOAT 30-80 is available in 25 kg. air tight plastic pail.

HEALTH & SAFETY

As with all chemicals, caution should always be exercised. Protective clothing such as gloves and goggles should be worn.

INHALATION: Inhalation of vapor or mist should be avoided. If inhaled symptoms include coughing, wheezing, laryngitis, and shortness of breath, headache, nausea, and vomiting. Immediately shift victim to fresh air, and, if needed immediately start artificial respiration. Give oxygen if breathing is labored. Get emergency medical help.

EYE CONTACT: Flush eyes with water for 15 minutes and call for medical help.

INGESTION: causes nausea, vomiting, and loss of consciousness. If accidentally swallowed do not induce vomiting rather call for medical help immediately.

SKIN CONTACT: Flush with water or soap and water until all traces have been removed. Seek medical attention if required.

WARRANTY

The information given is based on our knowledge and performance of the material. Every precaution is taken in the manufacture of the product and responsibility is limited to the quality of supplies with no guarantee of results in the field, as manufacturer has no control over site conditions or execution of work.

TECHNICAL DATA

Color	White
Density (gm/ cc)	1.30 ± 0.10
Viscosity	30000-50000 cps @ 25°C, 20 rpm
Service temperature	- 25° C to +120° C
Application temp	5° C to + 45° C
Water permeability	Almost zero
Drying time: To touch Thorough	(at 30°C and 50% RH) 3 hours 18- 20 hours
Solid	58 ± 5
UV Resistivity	Good