



DOLPHIN VB-95

DOLPHIN VB-95 is a synthetic resin water based vapour barrier coating specially manufactured for all types of internal and external thermal insulation duct systems. It is formulated for increased vapour barrier protection and for heavy duty commercial or industrial purposes.

TECHNICAL PROPERTIES



Properties	Test Method	Unit	Specifications
Color	Lab Test	Visually	White
Appearance	Lab Test	Visually	Smooth Paste
Drying Time @30°C, 50% RH	ASTM D 1640	Hours	3-4
Full Cure @30°C, 5 0% RH	Lab Test	Hours	18-20
Density	ASTM D 1475	g/cm ³	1.30 ± 0.1
Viscosity @25°C, S6, rpm-20	ASTM D 2196	cPs	30000-50000
Solid Content	ASTM D 1644	%	60 ± 5
Service Temp.	Lab Test	°C	-25 to 120
Application Temp.	Lab Test	Hours	5 to 45
Shelf Life	Lab Test	Months	12
Coverage	Lab Test	m ² /L	4 - 5
VOC Content	ASTM D 2369	g/L	<0.01

Note:

** Curing time may vary depending on climatic condition during application.*

** Information on this data sheet is subject to change without prior notice and should not be used for writing specifications.*

TYPICAL USES

- Protective indoor lag coating
- Ideal for use over Internal and External HVAC duct, ASJ, FRK, and FSK jackets and board facing to give a vapour 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.
- Applied easily by brush, roll and airless spray.

KEY FEATURES

- Due to excellent brushing characteristic it has very good coverage and leveling properly.
- It does not change color with age.
- Non-toxic & non-flammable.
- UV resistance.
- It does not contain asbestos, lead, mercury or mercury compound.
- Very low VOC.
- Water and moisture resistance.
- Chemical resistance.
- Crack Resistance.
- Smooth finish on almost all substrates.
- High temperature resistance.



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PREPARATION

The surface should be clean, dry and free from oil, grease and loose particles. Apply a tack coat of **DOLPHIN VB-95** at 3 to 3.5 m² per liter. After applying tack coat immediately imbed the selected lagging fabric smoothly in to the wet coating. Apply two finish coat of **DOLPHIN VB-95** at rate of 4 to 5 m² per liter. It is very important to ensure that each coat of **DOLPHIN VB-95** totally cured before the next coat is applied. The dry film thickness will vary with fabric selected.

PACKAGING

DOLPHIN VB-95 is available in 25 kg air tight plastic pail and 4 kg plastic bucket.

STORAGE AND 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.

HEALTH AND SAFETY

As with all chemicals, caution should always be exercised. Protective clothing such as gloves and goggles should be worn. 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. In case of 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. For skin contact, flush with water or soap and water until all traces have been removed. Seek medical attention if required.

KEEP OUT OF REACH OF CHILDREN.

KEEP OUT OF REACH OF CHILDREN • KEEP CONTAINER TIGHTLY CLOSED • FOR INDUSTRIAL & PROFESSIONAL USE

The information and data contained herein is believed to be accurate and reliable; however, it is the user's responsibility to determine suitability of use. Since the supplier cannot know all the uses, or the conditions of use to which these products may be exposed, no warranties concerning the fitness or suitability for a particular use or purpose are made. AMI reserves the right to change the properties of its products without notice.

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