

## Dolphin VB-95

### ADVANTAGE

- Due to excellent brushing characteristic it has very good coverage and leveling properly.
- It's 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.

### APPLICATIONS

- 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.

### DESCRIPTION

**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.

### TYPICAL PROPERTIES

Test Method	Properties	Unit	Specification
Lab Test	Color	Visually	White
Lab Test	Appearance	Visually	White paste
ASTM D 1640-03	Drying Time@ 30°C, 50% RH	hours	3 – 4
Lab Test	Full cure@ 30°C, 50% RH	hours	18-20
ASTM D 1475-98	Density	g/cm <sup>3</sup>	1.30 ± 0.1
ASTM D 2196-10	Viscosity @ 25°C, S6, rpm-20	cPs	30000 – 50000
ASTM D 1644-01	Solid Content	%	60 ± 5
Lab Test	Service Temp	°C	-25 to 120
Lab Test	Application Temp	°C	5 to 45
Lab Test	Shelf Life	Month	12
Lab Test	Coverage	m <sup>2</sup> /L	4 – 5
ASTM D 2369	VOC Content	g/L	< 0.01

*Note:*

*\*Curing time (Drying Time and Full cure Time) may vary depends 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*

*For additional information on specific applications, contact  
AL MUQARRAM INSULATION INDUSTRY L.L.C.*

Made in U.A.E

Al-Muqarram Insulation Materials Industry L.L.C.

P.O.Box: 24756, Sharjah. U.A.E

Phone: + 971 6 5353796, Fax: + 971 6 5353964

Mail: info@muqarram.com, sales@muqarram.com

Website: [www.muqarram.com](http://www.muqarram.com)

## Dolphin VB-95

### 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 m<sup>2</sup> 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 m<sup>2</sup> 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.

### SHIPPING LIMITATIONS

None.

### 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.

### USERS PLEASE READ

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.

### CAUTION

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. For 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.**