



DOLPHIN 30-36

DOLPHIN 30-36 is a one-component HVAC Canvas Coating with tough and flexible adhesive and sealant forming a durable seal against air leakage. Due to its excellent water and UV abrasion-resistance, it can be used in outdoors as well as indoors in thermal insulation system on metal duct.

TECHNICAL PROPERTIES



Properties	Test Method	Unit	Specifications
Color	Lab Test	Visually	White
Appearance	Lab Test	Visually	Smooth Paste
Drying Time	ASTM D 1640	Hours	3-4
Bonding Time @25°C, 50% RH	Lab Test	Min	45
Density	ASTM D 1475	g/cm ³	1.35 ± 0.1
Viscosity @25°C, S6, rpm-20	ASTM D 2196	cPs	30000-50000
Solid Content	ASTM D 1644	%	63 ± 5
Service Temp.	Lab Test	°C	Up to 234°F (112°C)
Full Cure Time	Lab Test	Hours	08-10
Shelf Life	Lab Test	Months	12
Coverage (at 150 to 210 dry film thickness)	Lab Test	m ² /L	3-5
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
- Finish for insulation materials in combination with reinforcing fabric (e.g. canvas cloth on air conditioning ducts) and cold water piping.
- Allows the application on Polystyrene or Polyurethane foam
- Application to the joint or edges of fibrous duct liner insulations to seal and prevent air erosion.

KEY FEATURES

- Good adhesion and high strength
- Water resistant can be washed with mild soap.
- Non-toxic & non-flammable.
- UV resistance.
- Chemical resistance.
- Antibacterial.
- Suitable to Middle East climatic conditions.
- High temperature resistance.
- Applied easily by brush, roll and spray.

PREPARATION

The surface should be clean, dry and free from oil, grease and loose particles. Apply a tack coat of **DOLPHIN 30-36** at 3 to 3.5 m² per liter. After applying tack coat immediately imbed the selected lagging fabric smoothly in to the wet



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coating. Apply two finish coat of **DOLPHIN 30-36** at rate of 4 to 5 m² per liter. It is very important to ensure that each coat of **DOLPHIN 30-36** totally cured before the next coat is applied. The dry film thickness will vary with fabric selected.

PACKAGING

DOLPHIN 30-36 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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