

Dolphin 30-36 AF

ADVANTAGE

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

APPLICATIONS

- 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.

DESCRIPTION

DOLPHIN 30-36 AF is a flexible adhesive and coating, forming a durable seal against air leakage. It can be used where the humidity level had to be sustained at or above 90%.

TYPICAL PROPERTIES

Test Method	Properties	Unit	Specification
Lab Test	Color	Visually	White
Lab Test	Appearance	Visually	White paste
ASTM D 1640-03	Drying Time	hours	3 – 4
Lab Test	Bonding Time @ 25°C, 50% RH	min	45
ASTM D 1475-98	Density	g/cm ³	1.35 ± 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	Up to 234°F (112°C)
Lab Test	Full Cure Time	Hours	08-10
Lab Test	Shelf Life	Month	12
Lab Test	Coverage (at 150 to 210 dry film thickness)	m ² /L	3 – 5
ASTM D 2369	VOC Content	g/L	< 0.01

Note:

**Curing time (Drying Time and Open 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.*

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

SHIPPING LIMITATIONS

None.

PACKAGING

DOLPHIN 30-36 AF 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.