



DOLPHIN PIR ADHESIVE

DOLPHIN PIR Adhesive based on SBS Polymer. Dolphin PIR bonding with varieties of foams and metal substrates in pre- insulated duct system.



TECHNICAL PROPERTIES

Properties	Test Method	Unit	Specifications
Color	Lab Test	Visually	Yellow
Appearance	Lab Test	Visually	Liquid
Drying Time	Lab Test	min	3 – 5
Open Time	Lab Test	min	15 – 20
Specific Gravity	ASTM D 1475	g/cm ³	0.90 ± 0.5
Viscosity @ 25°C, S3, rpm-20	ASTM D 2196	cPs	500 – 650
Solid Content	ASTM D 1644	%	40 ± 3
Service Temp.	Lab Test	°C	-4 to 95
Full Cure Time	Lab Test	Hours	24
Shelf Life	Lab Test	Month	12
Coverage (0.1-0.2mm wet film thickness)	Lab Test	m ² /L	15
Flammability	ASTM D 3278		Flammable (wet product)

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

- Can be used in wide varieties of foams and metal substrates.
- Recommended for HVAC applications.
- Under deck insulation
- Duct insulation (nitril rubber to metal)

KEY FEATURES

- Safe and suitable for use on PIR foam and fiber glass to metal
- Free from benzene, xylene and ethyl acetate. It doesn't contain harmful solvent.
- Applied easily by roll, brush or spray.
- Good resistance to ageing
- High initial tack/green strength.

CURING MECHANISM

Dolphin PIR Adhesive cures by allowing solvent to evaporate in normal atmospheric conditions.

PACKING

Dolphin PIR Adhesive is available in 3 Liter can, 5 Liter can and 20 Liter pails.

PREPARATION

All surface must be clean, dry and free from dust, paint, loose material, oil, grease, sealers, curing compounds, waxes and all contaminations.

**DOLPHIN PIR ADHESIVE****APPLICATION**

Apply adhesive evenly with any suitable equipment to uniform coat on both surface. Allow solvent to evaporate completely and then assemble the surface by applying normal hand pressure to give strong bond. Do not leave any air bubble on both applied surface.

COLORS

Dolphin PIR Adhesive is available in Yellow color. Other colors such as Green, Black and Blue are available upon request.

STORAGE AND SHELF LIFE

Should be stored tightly closed and away from direct sunlight in a cool, well-ventilated area between 5°C to 38°C. Close container tightly when not in use. Store away from ignition sources. Stirring required before use and if the product become very cold. **Dolphin PIR Adhesive** has a shelf life of 12 months from date of manufacturing.

HEALTH AND SAFETY

The product is flammable. Keep it away from heat, sparks, open flame and other ignition source as vapors may ignite explosively. Use only in well ventilated areas. The product should not be swallowed or allowed to come in contact skin and eyes. Use of suitable protective gloves and goggles is advisable. If eyes are affected with adhesive, rinse it with excess amount of clean fresh water and seek for medical advice. If swallowed, seek medical attention immediately and do not induce vomiting help.

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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