

Product Data Sheet



ASMACO PIR PHENOLIC ADHESIVE

Product Description:

ASMACO PIR Phenolic adhesive is a premium solvent based adhesive with excellent heat resistance property, quick grab, excellent tack & suitable for vertical application. It is suitable for permanent bonding of many different combinations of materials.

Key Performance Properties:

- Excellent tack & quick grab.
- Excellent adhesion on multiple substrates.
- Excellent Heat Resistance
- Suitable for porous and nonporous substrates.
- Needs no diluents if required Toluene can be preferred one.

Applications:

PIR Phenolic adhesive is mainly recommended for application in PU/PIR/Phenolic & Pre-Insulated HVAC Duct systems.

Typical Properties:

Appearance	Medium viscous material
Density	Approx. 0.85 g/ml
Colour	Pale yellow / brownish
Viscosity	Approx 3000 CPs
Processing temperature	+5 °C to +35 °C

Surface preparation:

Bonding surfaces must be dry and clean, especially free of oil, grease, or solvents. Surface roughening prior to bonding improves strength of bonded joint. Ensure surface to be levelled properly to avoid bubbles in application area.

Application Guidelines/Procedures:

Stir the adhesive to get homogeneous composition before use. Apply adhesive on both the Surfaces to be bonded. Allow about five minutes for solvent evaporation and then bond both the Substrates. Alignment of both the substrates to be ensured for proper application. Apply optimum pressure. Ultra-precaution to be taken in case of stress bonding. Final bond strength is achieved after 24 Hrs.

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Storage and Shelf Life:

Store in cool dry place, not over 25°C away from direct sun light and source of heat, don't allow freezing. ASMACO PIR Phenolic Adhesive has a shelf life of 12 months from the date of manufacturing if stored in original unopened container. In places where high heat and humidity are present, special precautions must be taken. Store product in a covered, well-ventilated warehouse and avoid excessive heat conditions for getting better shelf life.



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Pre - insulated

Duct work glue

High Strength

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Packaging:

ASMACO PIR Phenolic Adhesive is available in 250 ml, 750 ml, 1 kg, 3 kg, 13 kg & 15 kg.

Shipping Limitations: None

Note

The information and data contained in the product data sheet is believed to be accurate and reliable; however, it is the user's responsibility to determine suitability of the product for usage. Since the supplier cannot know all the uses, or the conditions of use to which the product may be exposed, no warranties concerning the fitness or suitability for particular use or purpose are made. It is the user's responsibility to thoroughly test any proposed use of our products and independently conclude satisfactory performance in the application. Likewise if the application, product specifications or manner in which our products are used require government approval or clearance, it is the sole responsibility of the user to obtain sure authorization.

Non – Warranty: Because the storage, handling and application of the material is beyond Anchor Allied Factory Ltd's control, we can accept no liability for the result obtained. Anchor Allied Factory Ltd's sole limited warranty is the product meets the manufacturing specifications in effect at the time of shipment. There is no warranty or merchantability or fitness for use, nor any expressed or implied warranty. Anchor Allied Factory Ltd will not be liable for any incidental and consequential damage of any kind. The exclusive remedy for breach of such limited warranty is a replacement of any product shown to be other than warranted. Suggestions of uses should not be taken as inducement to infringe any patents.



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