

DOLPHIN CPVC ADHESIVE

KEY FEATURES

- Easy to apply
- Single-component application
- It is safe for drinking water after complete curing
- Excellent bond strength
- Fast curing adhesive
- Meets the requirements of International Standards such as BS and ASTM.

PACKING

DOLPHIN CPVC ADHESIVE is available in tin cans of 946 ml, 476 ml, 237 ml and 118 ml.

DESCRIPTION

DOLPHIN CPVC ADHESIVE is a solvent-based adhesive specially formulated for joining and cementing all classes and schedules of pipes and pipe fitting made of CPVC. **DOLPHIN CPVC ADHESIVE** has high bond strength with medium viscosity penetrating adhesive suitable for waterproof bonding and leakage prevention at extreme pressures.

TYPICAL PROPERTIES

Properties	Specifications
Appearance	Flowing medium viscosity liquid
Color	Orange
Odor	Sweet aromatic
Specific Gravity	0.96 ± 0.02 g/cm ³
Solubility in water (after cure)	Insoluble
Set Time	5-15 mins depending on temp.
Full Cure (pressure application)	24 hours at ambient temp.
Compliant Standard	ASTM D 2564 F 493

Note:

**Curing time (Open Time & Tack Free Time) may vary depends on climatic condition during application.*

**Information on this data sheet is subject to change without notice and should not be used for writing specifications*

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

DOLPHIN CPVC ADHESIVE

PRECAUTIONS

- Flammable liquid, avoid excessive heat and avoid areas with ignition sources.
- Do not smoke while applying.
- This product is intended for use by skilled individuals at their own risk.
- It is highly recommended that the installer review the instructions supplied by the pipe and fitting manufacturer.

APPLICATION INSTRUCTIONS

- Cut CPVC pipe in right angles chamfer outside at 15° angle and then smoothen rough edges.
- Insert pipe in the fitting and mark depth.
- Thoroughly clean both surfaces using acetone solvent and tissue paper.
- Mix **DOLPHIN CPVC ADHESIVE** well before application.
- Apply uniform layer of adhesive in an axial direction using brush with thin layer on the fitting and thicker layer on the pipe.
- Put the parts together within 4 minutes (at 23°C) without turning and hold firmly for few seconds.
- Wipe off excess adhesive immediately.
- Allow the assembled joint to settle in place undisturbed for

5 minutes (15 min. if temp. is below 10°C).

- For better results, use assembled pipe after one hour.
- Replace cap tightly after use.
- After assembly and after allowing adhesive to set in place, fill pipes with water and allow water to run continuously inside the pipe for rinsing before use.

CLEANING

Any wet or partially wet adhesive can be removed with scraping and acetone solvent. Dried adhesive is best removed mechanically or with a scraper or by sanding.

STORAGE AND SHELF LIFE

When stored in original unopened container below 25°C, in cool, dry condition, away from direct sunlight, away from direct flame and in a well-ventilated area, **DOLPHIN CPVC ADHESIVE** has a shelf life of 12 months from date of manufacturing. Keep containers securely sealed. Storage outside these parameters may dramatically reduce its shelf life.

HEALTH AND SAFETY

- Use with adequate ventilation. If working in an area with poor ventilation or in a confined area, recommend a mask be worn.
- Avoid eye and skin contact and avoid breathing in vapor.
- Always wash hands before breaks and after finishing work.
- In case of skin contact, wipe off excess and remove contaminated clothing immediately and flush with soap and water.
- **KEEP OUT OF REACH OF CHILDREN**

Full details are available on the product Safety Data Sheets. To ensure no harm is caused to persons using AMI products, it is recommended that the appropriate Safety Data Sheets are read by all concerned. Visit www.muqarram.com for copies.

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.

Made in U.A.E

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