

**TECHNICAL DATA SHEET**

**DOLPHIN CPVC Adhesive**

Revision Date : 01 April 2021

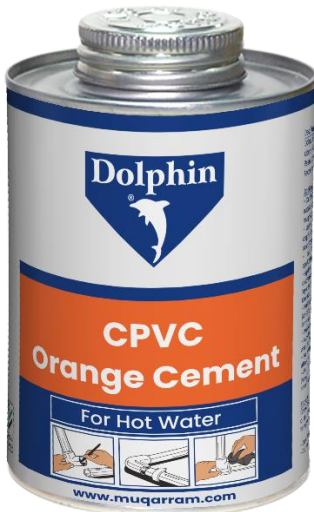
Revision No. 2

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**PRODUCT DESCRIPTION**

**Dolphin CPVC** medium-bodied orange cement for bonding all schedules and classes of CPVC pipes and fittings up to 6" diameter with an interference fit. For Residential and commercial hot and cold-water system, up to 200°F / 93°C. Recommended application temperature 40°F to 110°F / 4°C to 43°C.

**TECHNICAL PROPERTIS**



Properties	Specifications
Appearance	Flowing, medium-viscosity liquid
Color	Orange
Odor	Sweet aromatic
Specific Gravity	0.96 ± 0.02 g/cm <sup>3</sup>
Viscosity @25°C (Sp#4, RPM#50)	900 ± 300 cP
Solubility in water (after cure)	Insoluble
Set Time	5-15 mins depending on temp.
Full Cure (pressure application)	24 hours at ambient temp.
Pressure can withstand	16 Bar
Service Temperature	70°C

Note:

\* Curing time (Skin Over Time & Tack Free 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

**KEY FEATURES**

- One-Part Application
- Comes with Built-in Brush
- Rapid Curing
- Strong and Durable Bonding
- Safe to use for bonding Drinking water flowing pipes

- Meets BS & ASTM standards
- Easy to use

<b>PACKAGING</b>	<b>DOLPHIN CPVC ADHESIVE</b> is available in tin cans of 946 ml, 476 ml, 237 ml and 118 ml
<b>APPLICATION INSTRUCTION</b>	<ul style="list-style-type: none"> <li>• Cut CPVC pipe in right angles chamfer outside at 15° angle and smoothen rough edges</li> <li>• Insert pipe in the fitting and mark depth? Thoroughly clean both surfaces using Acetone solvent and tissue paper</li> <li>• Stir the adhesive well before application</li> <li>• Apply a uniform layer of adhesive in an axial direction using a brush with a thin layer on the fitting and thicker layer on the pipe</li> <li>• Put the parts together within 4 minutes (at 23°C) without turning and hold them firmly for a few seconds</li> <li>• Wipe off excess adhesive immediately</li> <li>• Allow the assembled joint to settle for 5 minutes (15 min. if temp. is below 10°C)</li> <li>• For better results, use assembled pipe after one hour</li> <li>• After full curing, allow free flow of water through the pipe for a few minutes to rinse it before use.</li> </ul>
<b>PRECAUTIONS</b>	<ul style="list-style-type: none"> <li>• Flammable liquid, avoid excessive heat and avoid areas with ignition sources.</li> <li>• Do not smoke while applying.</li> <li>• This product is intended for use by skilled individuals at their own risk.</li> <li>• It is highly recommended that the installer review the instructions supplied by the pipe and fitting manufacturer.</li> </ul>
<b>CLEANING</b>	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.
<b>STORAGE AND SHELF LIFE</b>	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, <b>DOLPHIN CPVC ADHESIVE</b> 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.
<b>HEALTH AND SAFETY</b>	<ul style="list-style-type: none"> <li>• Use with adequate ventilation. If working in an area with poor ventilation or in a confined area, recommend a mask be worn.</li> <li>• Avoid eye and skin contact and avoid breathing in vapor.</li> <li>• Always wash hands before breaks and after finishing work.</li> <li>• In case of skin contact, wipe off excess and remove contaminated clothing immediately and flush with soap and water.</li> </ul> <p>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 <a href="http://www.muqarram.com">www.muqarram.com</a> for copies</p>

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