

## TECHNICAL DATA SHEET

### DOLPHIN Fix & Seal Nail Free Assembly Adhesive

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#### PRODUCT DESCRIPTION

Dolphin Nail Free Adhesive is ideal for fixing and mounting objects on the wall. Reliable, DIY (Do It Yourself), and just right for interior general-purpose applications.

#### TECHNICAL PROPERTIS



Properties	Unit	Specifications
Color		Beige or Khaki
Appearance		Thixotropic heavy paste-like consistency
Odor		Solvent
Working Time	minutes	5 – 10 depending on temp.
Open (reposition) Time	minutes	20 - 30 depending on temp.
Full cure	hours	12 – 17 depending on temp. & thickness
Specific Gravity @ 25°C		1.40
Viscosity @25°C (S#7,RPM#5)	cps	400,000 – 500,000
Chemical Resistance		Very good
Solid Content	%	80 ± 2
Service Temp.	°C	-30 to +140
Application Temp.	°C	5 to 45

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

#### TYPICAL USES

- Contact adhesive for installation of wall and floor panels.
- Adhesion of metal, timber & other sheets of plain materials to concrete, plaster or other rigid surfaces.
- Bonding applications where high strength is required.
- Timber, metal, cementitious and plaster sheets to timber or metal studs.
- Installation to brick, masonry or concrete walls.
- General purpose construction adhesive.

#### KEY FEATURES

- Instant Tack (10 Sec)
- Water Resistant
- Cures quickly

<b>COLOR</b>	DOLPHIN Fix & Seal Nail Free Adhesive is available in 320 grams paper caulking cartridge, 12 pcs per carton.
<b>PACKAGING</b>	12 lineal meters of 6 mm bead from a 320 gram cartridge.
<b>PRECAUTIONS</b>	Always test for product compatibility prior to use. Veneer plywood can be affected by solvent soaking through the ply and might cause bubbling of the veneer.
<b>APPLICATION INSTRUCTION</b>	<p><u>Application Instructions:</u> <u>2-Way application for an immediate and strong bonding</u></p> <ul style="list-style-type: none"> <li>• Press firmly over entire surfaces to transfer adhesive and then pull both surfaces apart</li> <li>• Allow to tack off (approx..3-5 minutes), reposition if necessary and press together. Contact areas should be firmly push together. Stressed panels may require temporary mechanical fastening as maximum bond strength may take from 12-24 hours</li> </ul> <p>Apply using 1-way method for heavier panels or those subject to stress loading on the bond line.</p> <ul style="list-style-type: none"> <li>• Apply adhesive to one surface, bring surface together and clamp in a fashion that maintains maximum surface contact at the bonding surfaces.</li> </ul>
<b>CLEANUP AND REMOVAL</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>	Stored in original unopened container at or below 25°C, in cool, dry condition, away from direct sunlight and in a well-ventilated area. Keep containers securely sealed. Storage outside these parameters may dramatically reduce its shelf life.
<b>HEALTH AND SAFETY</b>	<p>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.</p> <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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