



**DOLPHIN ACRYSEAL ACRYLIC SEALANT**

**DOLPHIN ACRYSEAL ACRYLIC SEALANT** is one-component high quality, plastic-elastic sealant based on acrylic emulsion. The product is almost odor free and is not corrosive towards metals. After application, the product forms a tough rubber by evaporation of water from the sealant. **DOLPHIN ACRYSEAL ACRYLIC SEALANT** prevents air and moisture from passing through cracks and joints.



**TECHNICAL PROPERTIES**

Properties	Test Method	Unit	Specifications
Chemical Base			1-C Acrylic
<i>As Supplied @ 25°C, 50% RH</i>			
Color			White, Grey
Consistency			Homogeneous paste
Specific Gravity	ASTM D 1475		1.70 ± 0.02
Flow Properties	ASTM C 639	mm	0 (Non-sag)
Tack Free Time	ASTM C 679	minutes	5 - 10
<i>As Cured – 21 Days @ 25°C, 50% RH</i>			
Hardness (Shore A)	ASTM D 2240	Points	55 - 70
Full Cure Time	Lab Test	weeks	2 - 3
Service Temp.		°C	+5 to +85

*Note:*

*\* Curing 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**

- Suitable for interior and exterior applications like perimetral joints in building and other type of construction.
- Suitable for general applications.
- Joints in the building industry between wood, metal window frames concrete and brick work.
- Joints between stairs and wall, between concrete and ceiling elements, between wall and ceiling skirting boards windows sills and aerated concrete for inside and outside application.

**KEY FEATURES**

- Non-Cracking
- Excellent adhesion properties
- Non-staining
- Non-corrosive
- Non-sag



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**COLORS**

**DOLPHIN ACRYSEAL ACRYLIC SEALANT** is available in White and Grey color.  
\*Special color orders may require lead time and minimum order quantities.

**PACKAGING**

**DOLPHIN ACRYSEAL ACRYLIC SEALANT** is available in standard caulking cartridges, buckets and drums.

**SURFACE PREPARATION**

The substrate areas that will be in contact with sealant must be clean, dry and free of all loose materials, dust, dirt, rust, oil and other contaminants. Non-porous substrates should be cleaned with a solvent and a clean, lint-free, cotton cloth. Wipe dry immediately with clean cloth before the solvent evaporates from the surface.

**TOOLING AND FINISHING**

**DOLPHIN ACRYSEAL ACRYLIC SEALANT** should only be used where slight joint movement is anticipated. For extremely deep joints, use foam joint filler. Tool sealant after application and before tack-free skin formation. Tooling of sealant should be done in one continuous stroke. Use masking tape adjacent to joint to obtain a cleaner joint. Remove masking tape immediately after tooling.

**COVERAGE CONSUMPTION**

Triangle Joints	
Joint Dimensions	280ml Cartridge
5x5mm	22.4m
5x10mm	11.2m

Quadrangle Joint	
Joint Dimensions	280ml Cartridge
5x5mm	11.2m
5x10mm	5.6m

**CLEANUP AND REMOVAL**

Excess caulk should be cleaned off tools and non-porous surfaces while it is in the uncured state using a wet cloth. Cured sealant can only be removed mechanically.

**PAINTABILITY**

A minimum of 2 hours dry time is required before painting with latex or oil-based paint. Allow extra dry time during periods of high humidity.

**STORAGE AND SHELF LIFE**

When stored in original unopened container at or below 77°F (25°C) in dry warehouse conditions, **DOLPHIN ACRYSEAL ACRYLIC SEALANT** has a shelf life of 24 months from manufacturing date. Containers should always be kept sealed when not in use.

**HANDLING PRECAUTIONS**

Use in well-ventilated area. Direct contact of uncured sealant may irritate eyes and skin. Over exposure to vapor may irritate eyes, nose and throat. Do not handle contact lenses with sealant on hands. In case of eye contact, flush eyes with water for 15 minutes. Obtain medical attention. In case of skin contact, remove from skin and flush with water.

**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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