



WORLD-CLASS
CHEMICALS

TECHNICAL DATA SHEET

DOLPHIN ACRYSEAL ACRYLIC SEALANT

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PRODUCT DESCRIPTION

Dolphin Acryseal Acrylic Sealant is a single component, high-performance sealant. The product is almost odour free and is non-corrosive towards galvanized metals. After application, it forms a tough rubber seal which prevents air and moisture from passing through cracks and joints. Cost-effective and ideal for indoor and outdoor applications.

TECHNICAL PROPERTIES



| Properties | Test Method | Specifications |
|----------------------------------|-------------|---------------------------|
| Chemical Base | | 1-C Silicone |
| Cure Mechanism | | Moisture |
| As Supplied @ 25°C, 50% RH | | |
| Color | | Translucent, White, Black |
| Consistency | | Homogeneous paste |
| Density | ASTM D 1475 | 0.978 ± 0.02 g/ml |
| Flow Properties | ASTM C 639 | 0 (non-sag) mm |
| Tack Free Time | ASTM C 679 | Approx. 10 minutes |
| As Cured – 7 Days @ 25°C, 50% RH | | |
| Hardness (Shore A) | ASTM D 2240 | 23-26 Points |
| Full Cure Time | Lab Test | 2-3 Weeks |
| Service Temp. | | -20 to +220 °C |
| Application Temp. | | 5 – 45 °C |

(Information on this data sheet is subject to change without prior notice and should not be used for writing specifications)
(Curing time (Skin Over Time & Tack Free Time) may vary depending on climatic condition during application)

TYPICAL USES

- To fill the joints in the building industry between wood, metals, window frames, concrete, and brickwork
- Joints between stairs and walls, concrete and ceiling elements, wall and ceiling skirting boards, windows sills, and aerated concrete for interior applications.

KEY FEATURES

- Paintable
- Non-Cracking
- DIY (Do it Yourself)



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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 | <table border="1"> <thead> <tr> <th colspan="2">Triangle Joints</th> </tr> <tr> <th>Joint Dimensions</th> <th>280ml Cartridge</th> </tr> </thead> <tbody> <tr> <td>5x5mm</td> <td>22.4m</td> </tr> <tr> <td>5x10mm</td> <td>11.2m</td> </tr> </tbody> </table> | Triangle Joints | | Joint Dimensions | 280ml Cartridge | 5x5mm | 22.4m | 5x10mm | 11.2m | <table border="1"> <thead> <tr> <th colspan="2">Quadrangle Joint</th> </tr> <tr> <th>Joint Dimensions</th> <th>280ml Cartridge</th> </tr> </thead> <tbody> <tr> <td>5x5mm</td> <td>11.2m</td> </tr> <tr> <td>5x10mm</td> <td>5.6m</td> </tr> </tbody> </table> | Quadrangle Joint | | Joint Dimensions | 280ml Cartridge | 5x5mm | 11.2m | 5x10mm | 5.6m |
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| 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. | | | | | | | | | | | | | | | | | |
| Paint ability | 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 & POFESSIONAL USE

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