

TECHNICAL DATA SHEET

DOLPHIN 200 GP PRO SILICONE SEALANT

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PRODUCT DESCRIPTION

Dolphin 200 GP PRO Silicone Sealant is a new addition to the innovative range of acetic sealants specially designated to professional use. It is single component silicone that cures to atmospheric moisture. It exhibits negligible shrinkage to perfection. **Dolphin 200 GP PRO Silicone Sealant** is permanently elastic after curing. It has an excellent sealing and bonding capability with potential anti fungicide property to prevent mold/bacteria growth.

TECHNICAL PROPERTIES



Properties	Test Method	Specifications
Chemical Base		1-C Silicone
Cure Mechanism		Moisture
Cure Type		Acetoxy
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
Skin Over Time	ASTM C 679	Approx. 5 minutes
Tack Free Time	ASTM C 679	Approx. 10 minutes
Depth Cure, 24 hrs.	Lab Test	~ 1.65 mm
As Cured – 7 Days @ 25°C, 50% RH		
Hardness (Shore A)	ASTM D 2240	23-26 Points
Tensile Strength	ASTM D 412	< 1.17 N/mm ²
Elongation	ASTM D 412	≤ 500 %
Young's Modulus	ASTM D 412	< 0.24 MPa
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

- Sealing construction joints in concrete structures
- Sealing masonry joints, balcony, window, and door perimeter joints
- Galvanized Aluminum cladding joints
- Galvanized Aluminum angle joints
- Pinhole and shower screen repair

KEY FEATURES

- Antifungal & Antibacterial
- Negligible Shrinkage



WORLD-CLASS
CHEMICALS

COLORS	Dolphin 200 GP PRO Silicone Sealant is available in Translucent, White, Red, Black, and Grey.
PACKAGING	Dolphin 200 GP PRO Silicone Sealant is available in collapsible tubes (90ml), standard caulking cartridges (280 ml) and 200 Liter drum.
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 another such cloth before the solvent evaporates from the surface.
JOINT DIMENSIONS	Joint dimensions: Min. width for joints: 5 mm, Max. width for joints: 30 mm, Min. depth for joints: 5 mm. Recommendation Sealing jobs: Joint width= 2 X Joint depth
TOOLING AND FINISHING	Immediately tool sealant after application and before skin formation. Tooling of sealant should be done in one continuous stroke. Remove masking tape immediately after tooling is completed.
CLEANUP AND REMOVAL	Uncured sealant may be removed from tools, equipment, and non-porous surfaces with solvents. For porous substrates, allow the sealant to cure before removal by peeling or other mechanical means. Cured sealant can only be removed mechanically.
LIMITATIONS	Not paintable. May not be suitable to join sensitive natural stones such as marble, granite, or quartz, as this may cause staining. Not to be used in contact with sensitive metals such as lead, copper, brass, zinc, carbon steel, galvanized iron or magnesium as corrosion may occur during acetic acid release/sealant cure. Substrate compatibility test is always recommended.
STORAGE AND SHELF LIFE	When stored in original unopened container at or below 77°F (25°C) in dry warehouse conditions, Dolphin 200 GP PRO Silicone Sealant has a shelf life of 15 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 irritates eyes and may irritate 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

KEEP OUT OF REACH OF CHILDREN • KEEP CONTAINER TIGHTLY CLOSED • FOR INDUSTRIAL & PROFESSIONAL USE

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