



**NATIONAL SILICONIZED ACRYLIC SEALANT
DECORATIVE COATINGS**

TECHNICAL DATA SHEET

NATIONAL SILICONIZED ACRYLIC SEALANT

PRODUCT DESCRIPTION	National Siliconized Acrylic Sealant is a single component quick curing, high performance silicone modified Acrylic latex Caulk, which can be used to meet a variety of sealing needs. After curing, it produces a flexible, low odour and paintable film. It adheres well to glass, wood, metal porcelain, cementitious, ceramic tile, rubber and painted surfaces.
RECOMMENDED USES	National Siliconized Acrylic Sealant is recommended as a complete sealing solution for windows, door frames and any joints or gap where a weather shield seal is required.

TECHNICAL DATA

COLOUR, DRY FILM	White, Grey, Black and Clear
FINISH, DRY FILM	Flexible, Smooth/Matt
VOLUME SOLIDS (ASTM D2697)	60.0 ± 2%
SPECIFIC GRAVITY	1.50 ± 0.05
THEORETICAL SPREADING	25 running meter / tube based on thickness
RECOMMEDED DFT (DRY FILM)	-
RECOMMENDED WFT (WET FILM)	-
FLASH POINT	Water base

DRYING TIME

Drying time @ 30°C (Temperature, humidity, air movement, film thickness and number of coats all affect the drying time.)	
TOUCH DRY	1 hour
*DRY TO RECOAT/ OVERCOAT	24 hours
FULLY CURED	7 days

*With same generic type sealant.

ADVANTAGES

NATIONAL SILICONIZED ACRYLIC SEALANT	Superior acrylic sealant with high elasticity and tensile strength, provide a protective shield against water, moisture and existing salt of the substrate. Super adhesion and better sealing, joining and filling properties between the substrate.
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APPLICATION INSTRUCTION

SURFACE PREPARATION	Before application, the surface should be sound, clean, and free from oil, grease, loose particles, dust, etc. Application can be done by the recommended application methods as given below.
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SURFACE PREPARATION AND APPLICATION METHOD

1. Surface coming in direct contact with National Siliconized Acrylic Sealant must be clean, dry, free from loose material, dust, dirt, oil rust and any other contaminant.
2. Cut the top of the cartridge above the threaded area and screw the nozzle on it. Remove the bottom end seal of cartridge and place the cartridge in a caulk gun dispenser.
3. For a smooth seal, hold the gun at 45° angle and apply Silicon with a caulking gun in a continuous bead to the prepared joint.
4. Complete sealing within 10 minutes and remove excess sealant immediately with dry paper towel.
5. After sealant is completely cured, excess material can be removed with a sharp blade.
6. RESEALABLE: If entire content is not used in one time, remove approximately ½” of sealant beyond nozzle opening for reuse.

ADDITIONAL DATA

SHELF LIFE @ 30°C	9 months, in original sealed container, with proper storage conditions. Keep the sealed original container away from direct sunlight. Store in temperature between 5°C – 35°C.
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HEALTH & SAFETY

SAFETY PRECAUTIONS	Generally, most of the water base sealant are quite safe to handle with due precautions. Avoid skin and eye contact by wearing overalls, gloves, goggles, and mask etc. as direct contact of uncured sealant and overexposure to vapor may irritate skin, eyes, nose and throat. Spillage on skin should immediately be removed by thorough washing with fresh water with soap or suitable cleaner. Eyes should be flushed with fresh water. Avoid inhalation of vapors and by wearing suitable mask. In the event of ingestion and eye contact, seek medical attention immediately. Apply the sealant in adequate ventilation. Local safety regulations to be follow.
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STORAGE & HANDLING

STORAGE	Store the sealant in proper storage conditions as per the local regulations. Keep the sealant in sealed condition under shed, away from direct sunlight and extreme temperatures. Do not stock near to any ignition sources. Handle with care. Stir well before use. KEEP OUT OF REACH OF CHILDREN
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NOTE: We warranty only the quality of our product and this data sheet is based on results obtained from experience and test. We reserve the right to change data without prior notice. For surface preparation, safety details refer specifier and safety data.

This data sheet supersedes all previous issued.
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