

NuFlex® 180 SILICONIZED ACRYLIC SEALANT



NuFlex® 180 Siliconized Acrylic Sealant is a paintable siliconized acrylic latex with silicone added for superior adhesion and strength. It is an excellent all-purpose sealant for cracks and joints and exhibits good adhesion to the full range of construction substrates.

■ FEATURES & TYPICAL USES:

Features:

- Paintable within 2-6 hours
- Mildew resistant once cured
- Excellent adhesion
- Easy application and clean-up
- Available in 162 mL squeeze tube

Bonds To:

- Wood
- Concrete
- Metal
- Glass
- Stone
- Brick
- Stucco
- Marble

Basic uses include:

1. Sealing interior joints between walls and panels, around door frames and baseboards, and between bathroom fixtures and walls

■ SURFACE PREPARATION & APPLICATION:

Before Use: Read the label in its entirety.

Surface Preparation:

- Surfaces must be structurally sound, clean, dry, and free from oil, grease, water, dirt, or any other material and membranes that may deter adhesion.
- Prime bare surfaces before caulking for best results.
- Remove mildew by scrubbing with a solution of 4 oz TSP (trisodium phosphate), 1 qt liquid bleach, and 3 qt warm water; protect eyes and hands by wearing goggles and chemical resistant gloves.
- Thoroughly rinse surface and allow to dry completely before caulking and painting.

Application:

1. Ensure ambient temperature is between 4° - 32°C (40° - 90°F).
2. Cut nozzle to desired bead size and cut inner seal.
3. Using a caulking gun, apply 180 in the joint from bottom up, filling completely and avoiding entrapped air. 180 Siliconized Acrylic is supplied ready-to-use.
4. Smooth and tool bead immediately following installation.
5. Protect from exposure to water for 72 hours and allow sealant time to cure in an unconfined area.

Cure:

- Cure time is affected by humidity, degree of confinement, and cross-sectional thickness of the sealant.
- Sections up to 6.4 mm (1/4") thick become rubbery solids in 72 hours at 25°C (77°F) at 50% relative humidity.
- In applications where NuFlex® 180 may be partially or totally confined during cure, the time required for proper cure is generally lengthened by the degree of confinement. Every application involving confinement should be thoroughly tested before production procures.

Clean-up:

1. Uncured NuFlex® 180 sealant can be removed with water.
2. Remove the bulk of the uncured sealant with a plastic scraper, being careful not to compress it into cracks or crevices.
3. Use a cloth saturated with water to wipe away any remaining sealant.
4. Clean surface with soap and water if possible.



NuFlex
SEALANTS

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TYPICAL PROPERTIES:

These values are not intended for use in preparing specifications. Spec Writers; please contact NUCO Inc. before writing specifications if any further information is required.

Description	Specification
As Supplied...	
Type:	One part acrylic latex
Consistency:	Soft, buttery, non-sag
Specific gravity:	1.5 to 2.0
Odour:	Mild acrylic
ASTM D 2377 - Tack free time (colours):	< 1 hour
ASTM D 2377 - Tack free time (clear):	< 2 hours
Application temperature range:	4° to 32°C (40° to 90°F)
ASTM D 2202 - Slump resistance:	0
Shelf life:	12 months
ASTM C731 - Freeze/thaw stable:	Passes 5 cycles
Paintable:	2 - 6 hours
Cure time 1/4" bead at (25°C (77°F)) and 50% relative humidity:	72 hours
As Cured - Physical - after 7 days at 25°C (77°F) and 50% relative humidity...	
Extension / recovery (colours):	>95%
25% extension / recover (clear):	98%
Full clarity (clear):	~ 14 days
ASTM D 412 Die C - Elongation at break (colours), percent:	250% ±50%
ASTM D 412 Die C - Elongation at break (clear), percent:	500 to 600%
ASTM C1299 - Service temperature range:	-29° to 82°C (-20° to 180°F)

LIMITED WARRANTY INFO:

NUCO Inc., warrants only that its product will meet its specifications for a period of 12 months following date of manufacture. NUCO shall in no event be liable for incidental or consequential damage, or improper storage. NUCO's liability, expressed or implied is limited to the stated selling price of any goods found to be defective.

Disclosure: The information and data contained herein is BASED ON INFORMATION WE BELIEVE TO BE RELIABLE. Please read all statements, recommendations or suggestions herein in conjunction with our CONDITIONS of SALE which apply to all goods supplied by us. We assume no responsibility for the use of these statements, recommendations or suggestions, nor do we intend them as recommendation for any use which would infringe any patent or copyright.

SPECIFICATIONS:

NuFlex® 180 complies with:

- ASTM C-834 (colours)
- South Coast AQMD Rule 1168 Compliant

LIMITATIONS:

- Do not use below grade or below waterline.
- Do not use on joints with heavy abrasion or wear.
- Do not use on joints exceeding 3/8" (9.5 mm) in either width or depth; if deeper than 3/8" (9.5 mm), use an appropriate backer rod.

STORAGE AND SHELF LIFE:

- Shelf life is 12 months from the date of manufacture when stored in a clean, dry area.
- Store between 4° to 32°C (40° to 90°F).
- For best results, store the sealant in tightly closed containers when not in use.

CAUTION:

- Provide adequate ventilation.
- Do not take internally. If swallowed, do not induce vomiting.
- Keep out of reach of children.
- For over exposure seek medical attention immediately.
- Read SDS before using product.

MANUFACTURER INFORMATION:

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AVAILABLE SIZES & COLOURS:

SKU	Colour	Size	Format
18000	Clear	300 ml	Cartridge
18001	White	300 ml	Cartridge
18060	Clear	162 ml	Squeeze Tube
18061	White	162 ml	Squeeze Tube
18065	Almond	162 ml	Squeeze Tube