

# 180 Painter's Ultra Caulk

**NuFlex**  
SEALANTS

## PAINTABLE SEALANT TECHNICAL DATA SHEET

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**NuFlex® 180 Painter's Ultra** siliconized acrylic latex is a moderately priced caulking material with silicone added for superior adhesion and strength. **NuFlex® 180** cures when exposed to the atmosphere to form a continuous monolithic seal ideally suited for interior or exterior applications.

**NuFlex® 180 Painter's Ultra** is an excellent all-purpose sealant for cracks and joints and exhibits good adhesion to the full range of construction substrates such as: wood, concrete, metal, glass, stone, brick, stucco and marble. It is also recommended for sealing interior joints between walls and panels, around door frames and baseboards and joints between bathroom fixtures and walls.

### FEATURES & TYPICAL USES:

**NuFlex® 180** is an excellent all-purpose sealant for cracks and joints and exhibits good adhesion to a full range of construction substrates such as: wood, concrete, metal, glass, stone, brick, stucco and marble.

Key features include easy water cleanup, mildew resistant (cured bead), ease of application and tooling, meets ASTM C-834-05, excellent adhesion and paintable.

### SURFACE PREPARATION & APPLICATION:

Surface must be clean, dry & free from dirt, dust, grease, oil, mildew, wax, loose paint & old caulking. Prime bare surfaces before caulking for best results. Remove mildew by scrubbing with a solution of 4 oz TSP (Trisodium Phosphate), 1 quart of liquid bleach mixed with 3 quarts of warm water. Protect eyes & hands by wearing goggles & water & chemical resistant gloves. Thoroughly rinse surface & allow to dry completely before caulking & painting.

Apply caulk in temperatures between 4°C to 32°C (40°F to 90°F). Prime bare surfaces before caulking. For a neat, straight bead edge, mask both sides of joint w/ tape, removing masking tape before skin formation. Allow a minimum of 2 hrs drying when painting w/ a latex paint or 24 hrs w/ an oil base paint (conditions of cooler temperatures & higher humidity will prolong drying time). A premium quality paint is recommended for use if painting.

**Limitations:** Do not use below grade or below waterline. Do not use on joints subject to heavy abrasion or wear. Do not "overtool" the applied caulk, leaving too little caulk to perform following cure. Do not apply when rain or freezing temperatures are expected. Protect from rain or exposure to water for 72 hrs. Not recommended for use on automobiles, mirrors or aquariums – consult label for acceptable substrates. Cooler weather & higher humidity will slow down cure time. Do not use for joints exceeding 3/8 X 3/8 inches. For joints deeper than 3/8 inch, use appropriate backer rod. **NuFlex® 180** will fill cracks and joints up to 25.4mm (1") wide by 12.7mm (1/2") deep in a single application. **NuFlex® 180** is also excellent for filling imperfect mitres on window and door trim that are to be painted to give a more professional look to the finished job.

### DIRECTIONS:

1. Clip off tip of spout @ a 45 degree angle to desired size.
2. Load cartridge into caulking gun and apply using steady, even pressure to completely bridge joint.
3. Smooth caulk bead using a damp cloth for a neat appearance.
4. Wipe away excess with a damp cloth or sponge before surface skins over.
5. Protect from water until cured (72 hrs). May be painted in 2 to 6 hrs depending on climatic conditions. Conditions of cooler temperature & higher humidity will extend drying time.

### MANUFACTURED BY:

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FORM: 180\_TDS.DOC

REV.: 4 DATE: 06/12



### FEATURES:

- Easy water clean up.
- Mildew resistant when cured.
- Excellent adhesion.
- Easy application and tooling.
- Paintable.

### AVAILABLE SIZES & COLOUR:

- 300 mL (10.1 fl.oz.) cartridge
- 12 cartridges per case
- 144 cases per skid
- Available in larger sizes\*
- Available colors include: clear\*\*, white, and tan.
- \*Special order items may require lead times and minimum order quantities.
- \*\*Clear applies white & dries clear for easy application.



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## CAUTION:

Use in well ventilated areas and avoid breathing vapors. On contact, uncured sealant irritates eyes. Flush eyes with lukewarm water. Call physician. Avoid skin contact and do not ingest. Consult the Material Safety Data Sheet. **Keep out of reach of children.**

## SHELF-LIFE & STORAGE:

Shelf-life is 12 months from date of shipment from our plant when stored in clean, dry area with temperature between 4°C to 32°C (40°F to 90°F). Avoid repeated freeze/thaw of **NuFlex® 180** while still in the cartridge. For best results, keep the sealant in tightly closed container when not in use.

## 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
<b>Specific Gravity:</b>	1.5 to 2.0
<b>Odour:</b>	Mild Acrylic
<b>% elongation @ break (Colours):</b>	250% +/- 50%
<b>% elongation @ break (Clear):</b>	500% - 600%
<b>Extension / Recovery (Colours):</b>	>95%
<b>25 % Extension / Recovery (Clear):</b>	98%
<b>Full clarity (Clear):</b>	2 weeks or less, depending on climate
<b>Slump Resistance (ASTM D 2202):</b>	0
<b>Tack Free Time – Colours (ASTM D 2377):</b>	< 1 hour
<b>Tack Free Time – Clear (ASTM D 2377):</b>	< 2 hrs (Cooler temps & higher humid. Will prolong)
<b>Service Temperature Range:</b>	-29°C to 82°C (-20°F to 180°F)
<b>Application Temperature Range:</b>	4°C to 32°C (40°F to 90°F)
<b>Shelf Life:</b>	12 months
<b>Freeze / Thaw Stable (ASTM C731):</b>	Passes 5 cycles

## 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.

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## SPECIFICATIONS:

**NuFlex® 180** complies with:

- ASTM C-834 (colours).

## WARRANTY INFORMATION:

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

