



# Technical Data Sheet



## 45 Year Elastomeric Adhesive Sealant 0788

### Description

Paint Master 45 Year is a premium quality, extremely durable, all-purpose elastomeric adhesive sealant, providing excellent whiteness, flexibility & superior adhesion to most common substrates.

### Key Features

- Vacuumized for optimum appearance and performance
- Excellent paintability with water or oil-based paints
- Easy to gun & tool
- Bright White
- Superior Adhesion & Flexibility
- Mildew Resistant
- Water Clean up
- VOC Compliant
- 45 Year Durability
- Exceeds ASTM C 834-05

### Uses

Provides a weather & water-resistant seal for interior/exterior applications when used on wood, drywall, metal, concrete, brick, plaster, masonry & tile. Product is ideal for cracks and joints around windows, doors, siding, trim, molding, baseboards, thresholds, air conditioners and vents.

### Surface Preparation

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. Apply only when caulk, air & substrate temperatures are above 40° F. 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 and hands by wearing goggles and water & chemical-resistant gloves. Thoroughly rinse surface and allow to dry completely before caulking and painting.

### Directions

1. Clip off tip of spout at a 45° angle to desired size.
2. Load cartridge into caulking gun and apply using steady, even pressure to completely bridge joints.
3. Smooth caulk using wet finger or a damp cloth for a neat appearance.
4. Wipe away excess with a damp cloth before surface skins over.
5. Protect from water until cured (72 hrs.). May be painted over in 4-6 hours depending on climatic conditions. Larger beads may require longer drying time.

<u>Physical/Performance Property</u>	<u>Test Method</u>	<u>Typical Result</u>
Weight Per Gallon	Gardner Cup	13.40
Specific Gravity	Calculated	1.61
Total Non Volatile % Solids (Weight)	Computrac Analyzer	82.5%
Total Non Volatile % Solids (Volume)	Test Lab	72%
Extrudability/Application (as packaged)	Semco Gun (6 oz @ 50 psi)	7 seconds
Consistency/Appearance	Visual Observation	Smooth/Creamy Paste
pH (initial)	pH Meter	7 to 10
Odor	Subjective	Low
Base Polymer	Known	Premium Acrylic Blend
Pigment	Known	Calcium Carbonate/Titanium Dioxide
Siloxane Adhesion Promoter	Known	Yes
Flash Point	Closed Cup	> 200 F (non-flammable/waterborne)
Freeze/Thaw Stability	Test Lab 0 F/77 F @24 hrs or ASTM C731	Pass – 5 Cycles
Shelf Life	Lab 50 C Oven – Accelerated	Expect 2 Years @ 77 F
Slump	ASTM D2202 Jig	Zero
Artificial Weathering	ASTM – QUV Tester	No deleterious changes
Flexibility	ASTM 734	Pass
Tack Free Time	ASTM D2377	<1 Hr @ 77 F
Shore A Hardness	ASTM D2240	45 +/- 4
Storage Conditions	Test Lab	Cool/Dry, Avoid Freezing/Heat
Application Temperature	Test Lab	50 F to 90 F (best results)
Service Temperature	Lab Oven/QUV/Freezer/OE Fence	-20F to 180F
Tooling	Test Lab/Field Evaluation	Excellent
Paintability	Test Lab/Field Evaluation	Excellent @ 4 – 6 hrs drying
Adhesion Loss	ASTM C732 (< 25%)	None (0%)

## Clean Up

Clean your skin and equipment immediately after use with warm water and a mild soap.

## For Best Results

- Apply caulk in temperatures between 50F & 90F.
- Store caulk @ temperatures between 40 F & 90 F.
- Do not use for automobile, marine or below waterline applications.
- Do not use for filling butt joints, correcting surface defects or for tuck pointing.
- Allow new concrete to cure for 30 days before caulking.
- Do not use for joints subject to heavy abrasion or wear.
- Do not attempt to thin caulk.
- Prime bare surfaces before caulking.
- For a neat, straight bead edge, mask both sides of joint with masking tape.
- Do not "overtool" the applied caulk, leaving too little caulk to perform, following cure.
- Allow a minimum of 4 to 6 hours drying time before painting.

## Color

Bright White

## Packaging

10.1 Fluid Oz. Plastic Cartridges

## Limitations

- Apply only to clean, dry, frost-free surfaces.
- Do not apply when rain or freezing temperatures are expected.
- Protect from rain & exposure to water for 72 hours.
- Not recommended for use on aquariums.
- Cold weather & high humidity will slow down cure time.

## Environmental, Safety & Transportation Information

<u>Criteria</u>	<u>Evaluation Method</u>	<u>Status</u>
<i>CARB Compliance</i>	<i>Documents Review</i>	<i>Yes</i>
<i>Prop 65 Ingredients</i>	<i>Documents Review</i>	<i>Yes (See MSDS)</i>
<i>DOT Proper Shipping Name</i>	<i>Review of Regs</i>	<i>Not Regulated by DOT</i>
<i>DOT Hazard</i>	<i>Review of Regs</i>	<i>None</i>
<i>DOT UN/NA Number</i>	<i>Review of Regs</i>	<i>None</i>
<i>Packing Group</i>	<i>Review of Regs</i>	<i>None</i>
<i>VOC Content</i>	<i>Calculated</i>	<i>&lt; 1.5 %/weight, &lt; 25 g/L</i>

**CAUTION: NOT FOR INTERNAL CONSUMPTION. KEEP OUT OF REACH OF CHILDREN & PETS. KEEP FROM FREEZING. (See MSDS for additional information)**

**Contains Titanium Dioxide; added to Massachusetts Right to Know List, Minnesota Hazardous Substance List, New Jersey Right to Know List, Pennsylvania Right to Know List & Rhode Island Hazardous Substance List. WARNING: This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.**

## LIMITED WARRANTY

Recommendations for use of this product are based on tests we believe to be reliable. Manufacturer and seller are not responsible for results where this product is used under conditions beyond our control. If when applied as directed, this material peels, cracks or separates, it will be replaced without charge upon presentation of proof of purchase and used cartridge. This limited warranty only applies to residential use and damages including consequential damage and other remedies are excluded. No other warranties apply, including fitness for a particular purpose.

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SEE MSDS FOR ADDITIONAL DATA/INFORMATION