

## ▶ AP10

### ADVANCED POLYMER SEALANT

AP10 is an advanced polymer sealant. It is a highly viscous, highly flexible, zero VOC, solvent and isocyanate free, environmentally friendly, moisture cured, waterproof trowel/butter grade enhanced polymer formula. It can be used in a variety of applications, including new roof systems, sealing around doors, windows and siding, connection joints of wood and metal structures, kitchen and bath sealing applications, and concrete joints. Due to its excellent adhesion, it can also be used on a variety of materials such as stone, brick, metal, wood, concrete, and fiberglass. It is designed to create a watertight liquid flashing for intricate areas and details. AP10 is high performing, durable, reflective, UV resistant, non-yellowing, and has excellent vertical hang.

#### FEATURES & BENEFITS

- ▶ Weatherproof
- ▶ Paintable in Two Hours
- ▶ Strong & Flexible
- ▶ No VOC's
- ▶ Solvent & Isocyanate Free
- ▶ Resists Mildew
- ▶ Incredible Adhesion to Wood, Metal, Stone, Glass, Plastic & More
- ▶ Eco Friendly
- ▶ Chemical Resistant
- ▶ UV Resistant
- ▶ Available in a Variety of Colors

#### TYPICAL USES

- ▶ Manufacturing
- ▶ Sealing Doors & Windows
- ▶ Sealing Wall Siding
- ▶ Kitchen & Bath Applications
- ▶ Concrete Joints
- ▶ Decking
- ▶ Roofing Repair (Including most Single-Plys)
- ▶ Connection Joints of Wood and Metal

#### DIRECTION OF USE

##### ***Surface Preparation***

Review all technical data sheets, system sheets, labels, instructions, SDS, and Guide Specifications before applying. Perform a test area for material familiarity and performance. Surface must be dry and clean. Do not apply over contaminated surfaces. Remove dirt, and foreign material detrimental to adhesion or application of AP10.

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## DIRECTION OF USE

### **Application**

For 10 oz tubes and 20 oz sausages, refer to the Application Chart for bead sizes and application rates. Cut nozzle to the appropriate bead size. Apply with caulking gun. Push sealant into the substrate and seal any openings. For bucket packaging apply with a trowel, spatula, or brush. Spread evenly, and leave smooth. Cure times will depend on environmental conditions. As humidity rises, the cure time will decrease. At 72°F (22°C), 50% R.H., a 1/4" bead will cure in 24 hours.

### **Limitations**

Do not apply over moist/damp surfaces. Always review Safety Data Sheet (SDS) for health hazards and information on Personal Protective Equipment (PPE).

## SAFETY & PRECAUTIONS

### **Cleanup**

Clean tools and excess material with mineral spirits, solvents, or other equal solutions as required by job conditions and as permitted by local, state, and federal regulations.

### **Storage & Handling**

Keep containers closed and stored in a dry, cool place away from heat, sparks, open flame, and moisture. Keep material stored above 65°F (18°C) and on wood pallets off concrete floors. Open containers, such as pails and drums, should be blanketed with dry nitrogen before resealing.

### **Shelf Life**

10 oz tubes and sausages – 12 months.  
Drums and pails – 8 months.  
Practice proper stock rotation.

### **Safety**

FIRST-AID: Read technical data sheet and safety data sheet before use. Avoid breathing dust/fume/gas/mist/vapors/spray. In case of inadequate ventilation, wear respiratory protection. Specific treatment (see Section 4 of SDS). Contaminated work clothing should not be allowed out of the workplace. Do not breathe dust/fume/gas/mist/vapors/spray. IF EXPOSED OR CONCERNED: seek medical advice/attention. IF IN EYES: Rinse cautiously with water. If eye irritation persists, seek medical advice/attention. IF ON SKIN (or hair): Immediately take off all contaminated clothing. Rinse skin with water (or shower). If skin irritation occurs, seek medical advice/attention. IF INHALED: Remove person to fresh air. If experiencing respiratory symptoms, call a Poison Center/Doctor. IN CASE OF FIRE: Check Section 5 (Fire Fighting Measures).

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## TECHNICAL DATA

<b>Tack Free Time</b>	> 15 minutes @ 75°F (24°C) / 50% RH
<b>Elongation</b>	> 250 (ASTM D-412)
<b>Tensile Strength</b>	261 psi (ASTM D-412)
<b>Hardness, ASTM-2240</b>	55 ± 5 (ASTM D-2240) Shore A
<b>Specific Gravity</b>	1560 grams / liter (ASTM D-1045-86)
<b>Application Temperature</b>	41°F (5°C) to 95°F (35°C)
<b>Temperature Resistance</b>	-40°F (-40°C) to 194°F (90°C)
<b>Volatile Organic Compound (VOC)</b>	0 grams / liter

\* This information is intended only as a guide for design purposes. The values shown are the average values obtained from sprayed laboratory samples. The test methods were performed per the ASTM Book of Standards. Higher or lower temperature & humidity conditions will affect dry time. The information contained herein is for purposes of identifying the product and does not constitute a warranty that the product will conform to that description. Product specifications and performance will vary depending on application methodologies, raw materials and other factors.

Please read all information in the general guidelines, technical data sheets, application guide, and safety data sheets (SDS) before applying material. Published technical data and instructions are subject to change without notice. Contact your local Ghemco Representative or visit our website for current technical data and instructions. DISCLAIMER: All guidelines, recommendations, statements, and technical data contained herein are based on information and tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. It is the user's responsibility to satisfy himself, by his own information and tests, to determine suitability of the product for his own intended use, application and job situation and user assumes all risk and liability resulting from his use of the product. We do not suggest or guarantee that any hazards listed herein are the only ones that may exist. Neither seller nor manufacturer shall be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use of, or inability to use, the product. Recommendations or statements, whether verbal or in writing, other than those contained herein shall not be binding upon the manufacturer, unless in writing and signed by a corporate officer of the manufacturer. Technical and application information is provided for the purpose of establishing a general profile of the material and proper application procedures. Test performance results were obtained in a controlled environment and Ghemco makes no claim that these tests or any other tests, accurately represent all environments.