



5070 TRI-POLYMER WATERPROOFING SEALANT

TECHNICAL DATA SHEET



TYPICAL PHYSICAL & PERFORMANCE CHARACTERISTICS:

Weight Per Gallon	7.55 lb.
Solids by Weight	62 - 65%
Solids by Volume	58 - 62%
Viscosity (Brookfield)	700,000 cps
Tack Free Time <small>(50% Relative Humidity, 77°F)</small>	1 hour
Tooling Time (skin formation)	5 - 10 min.
Full Cure <small>(50% Relative Humidity, 70°F)</small>	3 - 5 Days
Application / Substrate Temperatures	0 - 110°F
Tensile Strength	> 130 psi.
Elongation	> 1,000%
Durometer Hardness	20 Shore A
Peel Strength (Steel & Aluminum)	> 7 PLi

Approx. Shipping Weights:

(Note: All approx. weights include container)

10 fl. oz tube (296mL)	1 lb.
1 case (12 tubes)	12.5 lb.

DESCRIPTION:

APOC 5070 Tri-Polymer Waterproofing Sealant is a crystal clear, highly flexible sealant and adhesive for use in a wide variety of applications. APOC 5070 is UV stable, paintable and coatable airtight sealant that can be used in wet or dry applications at a wide temperature range 0-110°F (-17-43°C). APOC 5070 exceeds ASTM C661, C794, C679, C1250, C793, C734, & D412* (*in-house testing). APOC 5070 can be used on roofs, gutters, siding, doors, windows, pavers, RV's, TPO, PVC, fiberglass, copper, steel, aluminum, vinyl, polycarbonate, cement, tile, drywall, brick, mortar, wood, thinset and many other applications where sealants or adhesives are required. Over-application on some single-ply membranes may cause wrinkling which should dissipate over time.

PREPARATION:

All surfaces must be completely clean and free of surface rust, dust and any other foreign matter.

APPLICATION:

Puncture foil seal at inner base inside the nozzle. Apply with a caulking gun, and if needed, smooth with a putty knife. Apply 1/4" thick, two or three inches beyond the desired area. Sealant may be tooled to desired finish within 5 minutes of application. Remove tape immediately after tooling. Sealant dries to touch within 1 hour and cures in 3-5 days @ 77°F (24°C) & 50% relative humidity.

Colder temperatures, thick films and poor airflow will increase cure times. Do not use on any polystyrene insulation/products. Do not use in areas where food is processed or stored. This product is neither tested nor represented as suitable for medical or pharmaceutical use, food applications or confined spaces. Do not use on traffic bearing surfaces.

COVERAGE RATE:

Approximately 25 lin. ft. @ 1/4 in. thickness

CLEAN-UP:

Clean tools with mineral spirits.

STORAGE & HANDLING PRECAUTIONS:

Storage of material should be under cover and protected from the sun and weather. Store as close as possible to room temperatures. Store product in cool and dry conditions below 90°F (32°C) in the original unopened containers. In climates or storage conditions with higher temperatures and/or high humidity, shelf life will be reduced.

PRECAUTIONS:

Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/intrinsically safe equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves, protective clothing, eye protection and face protection. Use in a well-ventilated area. Avoid breathing mist/vapors/spray. Avoid release to the environment. Wash all exposed external body areas thoroughly after handling. Keep container tightly closed. KEEP OUT OF REACH OF CHILDREN. Contains petroleum distillates, white spirits, xylene, cumene and other solvents. If exposed or concerned get medical advice. IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. SEE SAFETY DATA SHEET.



VOC: <350 g/L (regulatory)





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PERSONAL PROTECTIVE EQUIPMENT



EYEWEAR



PROTECTIVE CLOTHING



GLOVES

WARRANTY AND DISCLAIMER:

APOC warrants product to be free of material defects for the "Warranty Period", from the date of purchase. Product must be applied in accordance with the proper application procedures, and for the intended use as stated on the label. Proper preparation and drying conditions must be observed to achieve correct results. Should a product not perform as stated, APOC shall, within its sole discretion and upon receipt of purchaser's timely written notice within the Warranty Period, provide replacement product to repair the affected area or prorate a portion of the purchase price of the defective product based on the claim period. This limited warranty does not cover labor or installation costs, consequential damages or incidental damages. Under no circumstances will the company be liable for any amount in excess of the product purchase price. Contact company below to request a refund with purchase receipt. There are no warranties which extend beyond the description on the face hereof. THIS LIMITED WARRANTY IS THE SOLE WARRANTY PROVIDED BY APOC TO THE PURCHASER. THERE IS NO IMPLIED WARRANTY OF MERCHANTABILITY OR IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE PROVIDED WITH THIS PRODUCT.

Gardner-Gibson, Inc.

4161 East 7th Avenue, Tampa, FL 33605
1.800.237.1155 | www.icpgroup.com | A25

