



Aussie Seal® GP1 General Purpose Sealant/Adhesive Hybrid Silane Terminated Polyether

Sections 071000 Fluid Applied
Waterproofing

Product Name

Aussie Seal® GP1

Manufactured by

AVM Industries, Inc.
8245 Remmet Ave, Canoga Park, CA 91304
888.414.1041 818.888.0050
www.avmindustries.com

Product Description

Aussie Seal® GP1 is a high-performance Class 25 STPE sealant designed for versatile interior and exterior use. It offers strong adhesion, 300%+ elongation, and long-lasting durability on materials like wood, concrete, metal, brick, and plastic. Ideal for sealing gaps, cracks, gutters, roofs, and joints, Aussie Seal GP1 is paintable in 45 minutes, moisture- and UV-resistant, 100% waterproof, and safe for occupied spaces with its low VOC, odorless, isocyanate-free formula. Outperforming acrylic, polyurethane, and silicone sealants, it's the go-to solution for residential, commercial, and general construction sealing needs.

Advantages

- Waterproof & Paintable in 45 minutes
- Isocyanate Free
- Waterproof & weather resistant
- Bonds to damp surfaces
- Freeze thaw resistant
- 24 months shelf life
- Residual tack free

Where to Use

As a stand-alone sealant or adhesive or in conjunction with many types of waterproofing systems including polyurethane membranes, HDPE Membranes, Acrylic and Urethane Deck Coatings, etc. Aussie Seal® GP1 was specifically designed to be used with AVM's waterproofing systems including AVM

System

100, Elasto Fiberdeck®, AVM System 100 Forevercoat®, Aussie Membrane® 520, Aussie Mate® 580-AL, AVM System 620, & AVM System 700 Aussie Seal® GP1 may be applied to many substrates including galvanized and bondarized metal, steel, aluminum, copper, cast iron, PVC and ABS pipes, acrylic coatings, polyurethane coatings, bitumen (Aussie Membranes 500), to the aluminum side of Aussie Mate® 580-AL, wood, glass and many other common substrates.

Substrate Preparation:

Bonding surfaces must be clean, dry and free of oxidation, mill oils, wax, and release agents that may interfere with adhesion. Dry and fully cure painted surfaces before bonding. Alcohol and ammonia water are effective cleaners for surface preparation. Abraded or irregular surfaces are acceptable bonding surfaces but must be clean and sound.

Application Method:

Aussie Seal® GP1 is a gun grade material that is applied from caulking guns, high viscosity pump guns, or automated bead application equipment. This product sets rapidly upon exposure to moisture. Open containers must be quickly protected from atmospheric moisture. Mask off areas that must be protected from adhesives. Allow the assembly to cure for 30 minutes to an hour before handling or machining. When bonding two impermeable materials, brief separation and reassembly of the bonding surfaces to expose the adhesive to atmospheric moisture will often accelerate the cure. In extremely dry environments, local humidification may be needed to initiate curing. Low temperature purchase receipt for refund or replacement of will retard the cure reaction and heat will accelerate the cure reaction. Optimum application temperatures are between 35°F to 100°F (2°C to 38°C). Sealant can be applied at temperatures as low as 20°F (-7°C). For applications below 20°F, refer to cold weather application procedures below.

Aussie Seal® GP1 is a moisture cure sealant that in most cases can be installed in wet or damp environments. It is tack free in 60 minutes depending on weather conditions. Do not subject the un-cured sealant to hydrostatic conditions. However, in some cases, it may be allowed. Contact your AVM rep for details.

Cold Weather Application (20°F – 50°F) - Keep the sealant warm prior to use. (Store in a warm room or tent at 70°F) Apply the sealant while still warm. If needed, use a heat gun to blow hot air to pre-heat the substrates. Remove dew, frost, or ice from the substrate with acetone on a clean cloth and place sealant immediately. Check for proper adhesion once installed. In very cold weather this may take longer than normal cure time.

If your project requirements do not conform to the above requirements, please contact your local AVM rep for further instructions.

Clean-Up

Remove excess material using acetone and disposable paper towels or cloth rags before the material cures on placement tools and adjacent surfaces. Dispose of waste material in compliance with local regulations.

Limitations

Do not use in continuous immersion applications. Allow treated wood and asphalt to cure for six (6) months prior to application. Do not apply on frozen substrates. Test and evaluate all paints and coatings before applying. Some paints may not dry on sealant. White color will yellow with interior lighting. High rates of moisture vapor will cause bubbling.

Warranty

AVM warrants Aussie Seal® GP1's performance, provided it is properly stored and applied within 1 year. If Aussie Seal® GP1 is proved to be defective, return remaining product and product exclusive of labor or cost of labor. This is the sole and exclusive remedy for defects or failure of this product. User must read and follow the direction of the current Technical Data Sheet and SDS prior to product use. User determines suitability of product for intended use and assumes all risks. AVM shall not be liable for damages (including consequential or incidental damages) in excess of the purchase price, except where such exclusion or limitation is prohibited by state law. This warranty is in lieu of all other warranties, written or oral, statutory, express or implied including any warranty of merchantability or fitness for a particular purpose; except for the above express warranty given by AVM, the product is sold with all faults. AVM shall not be responsible for the use of this product in a manner to infringe on any patent or any other intellectual property rights held by others.

For additional warranty claim information, call 818-888-0050.

Conforms to:

- ASTM C920, Type S, Grade P, Class 25, uses T2, M and O
- Federal Specification TT-S-00230-C, Type I, Class B
- Army Corps of Engineers CRD-C-541, Type I, Class B
- Canadian Standards Board CAN 19,13-M-82

Delivery, Storage, and Handling

a. Delivery of all the Aussie Seal M materials to the job site must be in their original sealed containers, with manufacturer's name and label intact.

b. Shelf Life: Twelve months from date of manufacture when stored at 70°F / 21°C with 50% relative humidity. High temperature and high relative humidity may significantly reduce shelf life. Pails have a shelf life of six months.

c. Store at temperatures between 50°F and 75°F. Do not store materials in direct sunlight or where they may be damaged by water or rain.

d. Failure to comply with the recommended storage conditions may result in premature deterioration of the product.

e. Keep all materials out of the reach of children.

Quality Control

a. Visually inspect all coated surfaces to ensure a full and proper application, especially at penetrations, seams, corners, drainage footings and other hard-to-reach areas.

b. All unsatisfactory areas shall be repaired prior to final acceptance.

Availability and Cost

Contact AVM Industries or your approved applicator for pricing and availability.

Technical Services

Technical services are available by contacting our offices at: 888.414.1041 or 818.888.0050 or visit www.avmindustries.com

The following coverages are based on controlled tests. Actual coverages may vary.

Technical Information Specific		
Gravity @ 25oC , g/ml	1.03 ± 0.02	ASTM D1475
Flow (sag or slump)	Non Sag	ASTM C639
Skin over time @ 25oC , Minutes	10 minutes	ASTM C979
Tack free time @ 25oC , Minutes	30 minutes	
Depth cure @ RT, mm/day	<2	
Hardness, Shore A	28 - 32	ASTM D2240
Tensile Strength (N/mm2)	1 - 1.6	ASTM D412
Elongation, %	>300%	ASTM D412
VOC Content	Less than 8 g/l	ASTM D2369
Tear Strength, N/mm	No visible shrinkage after 14 days	ASTM D624
Service Temp.	-40°F to 200°F / -40°C to 93°C	

Coverages Rates (may vary depending on substrate).

Item/Component	Bead	Coverage
Aussie Seal GP1 Cartridge (10.1 oz)	1/4" x 1/4" Bead	25 Linear Feet
Aussie Seal GP1 Sausage (20 oz)	1/4" x 1/4" Bead	50 Linear Feet

20 oz Sausages, 2 & 5 gallon pails and 50 gallon drums are available by special order. Standard color is gray. White or Black are available by special order.

All properties described in this document are derived from testing conducted in laboratory conditions. Properties and performance will vary depending on environmental conditions and application technique. Test and evaluate to determine appropriate usage. Visit www.avmindustries.com for the Safety Data Sheet and pertinent documentation.

For a complete list of details in BIM (revit), CAD or PDF, please visit our website at www.avmindustries.com.

Approval(s): <https://www.avmindustries.com/approvals/>

Learn more about the detailed standards our products meet for approvals by various US or International Agencies or Code Councils

Patent(s): <https://www.avmindustries.com/patents/>

Some features of our product or assembly may be protected under one or more US or International Patent(s)

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Quality Waterproofing Products

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