



AVM Aussie Grout 911

(Super Low Viscosity Hydrophobic Injection Grout)

Sections 036000 / 036400

Injection Grout

Product Name

AVM Aussie Grout 911

Manufactured by

AVM Industries, Inc.
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Product Description

AVM Aussie Grout 911 is a super low viscosity, flexible, hydrophobic, water-activated (hydro-active), water cut-off grout and foam seal grout based on MDI polyurethane. The resin is 100% solvent free and 100% solids. The gel-time of the product is adjustable by the mandatory adding of a minimum of 10% AVM Accelerator 910 and a maximum of 20% AVM Accelerator 910. **AVM Aussie Grout 911** Water Stop Foam is NSF/ ANSI Drinking Water Contact Approved.

Upon contact with water **AVM Aussie Grout 911** Water Stop Foam reacts to a flexible foam while expanding its volume 8 to 25 times. The cured material is of a constant volume. Since water is not a component of the foam structure, the cured material is essentially not affected by water or dryness. The reacted material does not shrink or swell.

Depending on the amount of accelerator added, the injection pressures, structure and confinement properties **AVM Aussie Grout 911** Water Stop Foam reacts to a dense, closed cell, semi flexible product.

AVM Aussie Grout 911 Water Stop Foam is designed for sealing seeping water leaks and for cutting off water in cracks and joints. Due to the low viscosity of the material, **AVM Aussie Grout 911** Water Stop Foam offers superior penetration in hairline crack injection. The product is suitable for the filling of spaces, cracks and honeycombing in stone or concrete structures. To achieve most satisfying and permanent results in certain applications, a combination of **AVM Aussie Grout 911** Water Stop Foam with other systems of our product line may be advised. Ask your AVM technician for details. The product is for professional use.

Where to Use

- Treatment of water infiltration and ground water ingress.
- Treatment of soils
- Treatment of voids and cavities, in the form of sand grouts.
- Injection of water bearing cracks in concrete masonry walls.
- Waste Water Tanks, Water Reservoirs
- Sewers, Manholes, Utility Boxes

Installation Guidelines

AVM Aussie Grout 911 Water Stop Foam and the AVM Accelerator 910 are supplied separately to allow adjustment of gel-time and to provide a long shelf life. It is mandatory to add AVM Accelerator 910 to ensure a complete reaction as designed. A higher percentage of Accelerator added will increase reactive speed, expansion volume and will lower the density of the product accordingly. The accelerator system offers a very flexible range of reactive properties, gel-time and expansion rate which make this product extremely versatile for many applications. Since the end product is of cellular structure, a higher density is favored for best waterproofing properties. Recommended mix ratios are between 10% and 20% of Accelerator added. In situations of high-water flow rates and /or low temperatures, ratios may be increased to 20%. For hairline crack injection and soil stabilization ratios may be lowered to 10%.

Observe temperature and humidity of the environment, since both determine the pot-life of the premixed batch. Do not mix more material than the amount that will be pumped within reasonable time. Rule of thumb: High temperatures and high humidity decreased gel-time.

AVM Aussie Grout 911 Water Stop Foam reacts with the moisture in the structure and does not need large amounts of water to react. Simultaneous injection of water is typically not necessary. If the area of application seems to be completely dry, pre-injection of water may be recommended in some circumstances.

All equipment, pumps and hoses must be dry. Avoid moisture contact with the mixture to prevent premature reaction. If product foams while pumping, immediately shut down the machine and flush with a cleaner to avoid built up and clogging of the equipment.

Maintenance of Equipment

Tools and equipment must be cleaned immediately after use. Remove all excess product. Cured product is hard to remove. Aussie Pump Flush 919 is a solvent free, non-flammable cleaner, lubricator, pump and hose conditioner. Please refer to the product data sheet for detailed information.

Health and Safety

Protect your health. Always use safety gear in compliance with OSHA and all applicable local and job-site regulations. While working with products. Handling of this product may result in spills, splashes, and airborne substances. Wear appropriate safety goggles, gloves and safety clothing always.

During the pressure injection process a full-face shield is advised for anybody within reach of product spill or blowout. Consider property in proximity of the application to prevent loss or damage. Protect job site from unauthorized persons. Store all materials and equipment safely and out of reach of children and animals! Observe container labels, SDS, applicable laws and

regulations and all instructions before using the product and equipment. In case one of the components comes in contact with the skin, wash thoroughly with soap and water. Provide adequate ventilation in volume and pattern in working area. Further protection: emergency showers and eyewash stations. Get immediate medical attention as needed.

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**

System Specifications

See next page.

Technical Data/Properties

Technical Data	Aussie Grout 911	Aussie Accelerator 910	Test Method
Solids	100%	100%	ASTM D 1010
Density, Lb/gal - g/ml	8.9 / 1.1	0.93	ASTM D 3800-79
Boiling Point, °C / °F	205°C / 400°F	170°C / 338°F	
Flash Point, °C / °F	180°C / 356°F	125°C / 225°F	ASTM D 93-85
Viscosity, cps	90 mixed	20	ASTM D 2196
Mixing Ratio by Volume	50-5 parts	10%-20%	
Storage / Shelf Life	Unopened Containers Only at, 15-30°C / 58-85°F in dry, sun free indoors - 2 years	Unopened Containers Only at, 15-30°C / 58-85°F in dry, sun free indoors - 2 years	

Reaction Times	
Induction Time, 20°C / 68°F	30 sec (10% 910 Accelerator added, Standard Concentration)
Gel Time, 20°C / 68°F	140 sec (10% 910 Accelerator added, Standard Concentration)
Induction Time, 20°C / 68°F	15 sec (15% 910 Accelerator added, Standard Concentration)
Gel Time, 20°C / 68°F	50 sec (15% 910 Accelerator added, Standard Concentration)
Induction Time, 20°C / 68°F	5 sec (25% 910 Accelerator added, Standard Concentration)
Gel Time, 20°C / 68°F	30 sec (25% 910 Accelerator added, Standard Concentration)

Properties: Cured	Value	Test Method
Expansion, %	600-4000 (6-25 times) depending on Accelerator ratio and counter pressure	
Elongation, %	250%	ASTM D 638
Shrinkage, %	<2%	ASTM D1042
Tensile Strength	100-120psi	ASTM D 638

(physical properties may vary based on water & accelerator ratios & conditions during reaction)

Item/Component	Packaging	Approx Shipping Weights	Qty / Pallet	Weight / Pallet
Aussie Grout 911	5 gal pail	50 lbs	48	2,500 lbs
Aussie Accelerator 910	0.5 gal pail	5 lbs	240	1,252 lbs

Availability of specific packaging sizes might vary based on market conditions and other factors.

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

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Quality Waterproofing Products



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