AVM Aussie Grout 903 Soil
High Strength Rigid Polyurethane Injection Grout for Soil Stabilization

AVM INDUSTRIES INC

Sections 313200 / 313223 / 313223.16 / 036000 / 036400

Injection Grout

Product Name

AVM Aussie Grout 903 Soil

Manufactured by

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

Product Description

AVM Aussie Grout 903 Soil is an advanced, single component, phthalate free, zero VOC, High Strength, very low viscosity, hydrophobic, water activated, rigid polyurethane injection grout for stabilization of granular soils.

In its uncured form, Aussie Grout 903 Soil is a brown, non-flammable liquid. Aussie Grout 903 Soil is the newest generation water activated single component injection resin with improved physical properties. When it comes in contact with water, the grout expands and cures to a tough, rigid, polyurethane foam that is generally unaffected by common corrosive environments.

Where to Use

For stabilizing soil beneath concrete slabs, roadways, etc and to create a water cut-off curtain walls.

Delivery, Storage, and Handling

a. Delivery of the Grout components must be in their original sealed containers, with manufacturer's name and label intact.

b. Handle and store containers in accordance with printed instructions.

c. Store at temperatures between 40°F and 90°F. Do not store materials in direct sunlight or where they may be damaged by water or rain.

d. Keep all materials out of the reach of children. Do not take internally.

e. Wear eye protection. Avoid eye contact or prolonged contact with skin. Wash thoroughly after handling. If irritation occurs during use, liberally flush affected areas with water. If irritation continues, see a physician immediately.

f. Shelf life is one year form manufacturing date in sealed, unopened containers.

g. Non-Flammable.

h. Unregulated for transport -no hazmat shipping required.

Project Conditions

a. Do not apply materials at temperatures below 40°F, or if precipitation is imminent, or above 100°F if applying in direct sun light.

b. Provide adequate ventilation during installation.

c. Protect adjacent surfaces which could be damaged during the application.

System Application

Consult AVM for details

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

Property	Value	Test
Uncured Resin		
Solids	100%	ASTM D2369
Viscosity at 77ºC	25 cps	ASTM D2196
Density	64.4 lbs. per ft., 1.12 g/cm³	ASTM D4659, EN ISO 2811
Flash Point	302° F, >150° C	ASTM D93, EN ISO 2719
Color	Brown	
Catalyst		
Viscosity at 77ºC	12 cps	ASTM D2196
Density	76.3 lbs. per ft., 0.98 g/cm³	ASTM 4659, EN ISO 2811
Flash Point	302° F, >150° C	ASTM D93, EN ISO 2719
Color	Clear	
Cured Grout		
Density Free Foam	2.2 lbs. PC Ft	ASTM D3574
Density Confined	87.4 lbs. per ft., 1.4 g/cm³	ASTM D3574, EN ISO 2811
Compressive Strength	800 to 4600 psi	Contingent on Soil Matrix

Reaction Times			
Temperature	**Qty of Catalyst**	**Reaction Time**	**Polymerization Time**
70°F	0.5%	9 – 10 Minutes	50 minutes
70°F	1%	5 – 6 Minutes	35 minutes
70°F	2%	2 – 3 Minutes	25 minutes

Item / Component	**Packaging**	**Approx Shipping Weights**	**VOC**
Aussie Grout 903 Soil	5 Gallon Bucket	50.0 Lbs	0 Grams/Liter
Aussie Grout 903 Soil	50 Gallon Drum	500.0 Lbs	0 Grams/Liter
Aussie Catalyst 903 Soil	32 Oz. Can	2.1 Lbs	0 Grams/Liter
Aussie Catalyst 903 Soil	5 Gallon Bucket	50.0 Lbs	0 Grams/Liter

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

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

Quality Waterproofing Products

www.avmindustries.com

AVM INDUSTRIES INC