

AV-333 Injectaflex

Hydrophilic Foam

General Specifications

Description

AV-333 Injectaflex is a single-component urethane resin that reacts rapidly with equal proportions of water to form a flexible, impermeable foam with excellent adhesion to concrete and some plastics. AV-333 is a low viscosity chemical grout primarily injected into the area of leakage, creating a mechanical and chemical bond, as well as a compression seal.

General Uses

- Medium to large cracks or joints in concrete
- Stop infiltration throughout sewage systems, storm and drain culverts, manholes, utility vaults, large-diameter pipe or similar structures.
- Manhole and pipe penetrations
- Excellent waterproofing for tunnels, mines, elevator pits, dams, reservoirs, etc.
- Material can be used in wet or dry conditions.

Grouting Techniques

Expanded Gasket Placement Technique (EGP)
Variable Pressure Application Technique (V-PAT)

Viscosity

300-600 CPS

Ratio

1:1 (Water to Resin)
5 Gallon Pail = 10 Gallon batch

Underwriters Laboratories [UL] Rated

ANSI/NSF Standard 61-Drinking Water Systems Components

Additives

AV-255G Grout Side Accelerator – reduces gel time



Packaging

Container – 1 Gallon – 12 lb. gross weight ea.
Pail – 5 Gallon – 50 lb. gross weight ea., 24 pails per pallet

Shipping

Motor Class 55
Hazard Class: 3

Air Freight available for:

-  1 Gallon Container
-  5 Gallon Pail



ANSI/NSF 61
DRINKING WATER SYSTEM COMPONENTS
88NN

Cleaning Products

AV-208 – Acetone, Technical Grade
AV-284 – Pump Wash

Technical Specifications

Description

Excellent bonding capabilities to concrete and some plastics.

Properties: Uncured

Appearance: Light amber liquid
Solids Content: 85% ASTM D-1259
Viscosity: 300-600 cps @ 70°F ASTM D-1638
Flash Point: > 25°F (-3°C) ASTM D- 93
Corrosiveness: Non-corrosive
Reaction Time: 40 seconds @ 70°F

Properties: Cured Foam (1:1)

Tensile Strength: 100-120 psi ASTM D-3574
Elongation: 750-850% ASTM D-3574
Shrinkage: <2% after initial cure
Toxicity: Non-toxic

Storage

AV-333 Injectaflex is sensitive to moisture and moderately sensitive to high storage temperatures. Store in a dry area between 40°F and 80°F.

AV-333 Injectaflex should be properly removed from all application equipment due to the high risk of moisture contamination. Immediately after use, hoses and pumps can be cleaned with AV-208 Acetone or AV-284 Pump Wash. This product is packaged under dry nitrogen to extend shelf life.

MSDS

Available by request, or download at www.avantigrout.com/MSDS

Safety

Product contains Toluene Diisocyanate (TDI). Vapors may cause respiratory irritation and sensitization. Take precautions to avoid breathing of fumes and vapors. Operators should be equipped with protective clothing including rubber gloves and face shield. Ventilation should be used in confined spaces.

First Aid

Eyes: Immediately flush eyes with water for 15 minutes. Get medical attention.
Skin: Wash affected area with soap and water. Remove contaminated clothing.
Inhalation: Remove to fresh air. If breathing is difficult, get medical attention.
Ingestion: Drink 2 glasses of water. Call a physician.

Note: Never give anything by mouth to an unconscious or convulsing person.

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