

AV-248 Flexseal

Hydrophobic Foam

General Specifications

Description

AV-248 Flexseal is a two component, water activated, MDI based polyurethane injection resin. This water activated compound is capable of forming a closed-cell foam that is suited for sealing wet or dry moving cracks and stopping active leaks. It is also capable of encapsulating areas around underground structures where it acts as a semirigid foam.

General Uses

- Grouting joints or repairing leaks in concrete structures above/below grade.
- Large voids
- Pipe annulus between slip-liners
- Block wall
- Not for potable water applications
- Not suitable for high water flows

Grouting Techniques

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

Viscosity

650 CPS

Ratio

No Water Added
5 Gallon Pail = 5 Gallon batch

Additives

AV-249 Flexseal AC – reduces set time

Packaging

Pail – 5 Gallon – Gross Weight 50 lbs. ea. – 24 pails per pallet

Shipping

Motor Class 55
Hazard Class: Non-Hazardous

Air Freight available for:



5 Gallon Pail



Cleaning Products

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

Technical Specifications

Description

MDI-based material with quick reaction time to small amounts of moisture. Expands quickly to fill voids and annular spaces. Cures to a flexible closed cell foam. Nonflammable. Withstands wet/dry cycles.

Properties: Uncured

Appearance: Pale yellow color	
Solids Content: 100%	ASTM D-1259
Viscosity: 650 cps	ASTM D-4889
Flash Point: > 270°F	ASTM D- 93
Specific Gravity: 1.114	ASTM D-4659

Properties: Cured Gel

Tensile Strength: 150 psi	ASTM D-3574
Elongation: 250%	ASTM D-3574
Shrinkage: < 4%	

Mix Ratio and Procedure

AV-248 is Hydrophobic and does not require the addition of water. Mix one 25 oz. bottle of AV-249 Flexseal AC. One 25 oz. bottle of AV-249 Flexseal AC is supplied with each 5 gallon pail of AV-248.

Slowly pour the pint of AV-249 Flexseal AC catalyst into the 5-gallon pail of AV-248 Flexseal while slowly stirring for 3 to 5 minutes. The ideal temperature for mixing catalyst is between 65°F and 85°F. Do not allow moisture to penetrate the mixing pail. For faster set times add more AV-249 Flexseal AC.

Storage

Store in a cool, dry area away from moisture. This product is packaged under dry nitrogen to extend shelf life.

MSDS

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

Safety

Product should be used only in well ventilated areas in order to keep the vapor concentration low. Eye contact and repeated skin contact should be avoided. Normal protective clothing such as gloves and goggles are recommended. A self-contained breathing apparatus should be worn in confined spaces where there is little ventilation and vapors are likely to be high.

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.

Notice

The data, information and statements contained herein are believed to be reliable, but are not construed as a warranty or representation for which Avanti International assumes any legal responsibility. Since field conditions vary widely, users must undertake sufficient verification and testing to determine the suitability of any product or process mentioned in this or any other written material from Avanti for their own particular use. NO WARRANTY OF SUITABILITY OR FITNESS FOR A PARTICULAR PURPOSE IS MADE. In no case shall Avanti International be liable for consequential, special, or indirect damages resulting from the use or handling of this product.



AVANTI

AvantiGrout stops leaks. Permanently.

Webster, Texas 77598 / 800.877.2570

www.avantigrout.com / sales@avantigrout.com