

AV-200 Dura-Set

Two-Component Polyurethane Elastomer

Technical Data Sheet

Description

AV-200 Dura-Set is a versatile, two-component liquid polyurethane elastomer grout that may be injected, sprayed or trowelled onto a surface. AV-200 combines strength and elongation with excellent chemical resistance to create a flexible rubber that is unaffected by water or UV rays. Apply to dry surfaces/cracks. Withstands wet/dry cycles.

General Uses

- Fills cracks and joints.
- Prevents leaks in concrete.
- Surface coating/waterproofing.

Viscosity

1400 cps (A/B Mixed)

Ratio

1:1 by volume (Part A to Part B)

Packaging

Dual Cartridge (600 ml)
2-Gallon Kit (18-lb. net)
10-Gallon Kit (80-lb. net)
60-Gallon Kit (480-lb. net)
100-Gallon Kit (880-lb. net)

Shipping

Motor Class 55
Hazard Class: Non-Hazardous

Air Freight available.

Properties: Uncured

Appearance: Beige color
Viscosity (A/B Mixed): 1400 cps
Weight (Gal): Part A 8.93 lbs / Part B 8.72 lbs
Flash Point: Part A >400°F / Part B >500°F

Properties: Cured

Tensile Strength: 1700 psi (ASTM D 412)
Elongation: 480% (ASTM D 412)
Modulus (100%): 437 psi (ASTM D 412)
Modulus (200%): 675 psi (ASTM D 412)
Modulus (300%): 960 psi (ASTM D 412)
Tear Strength: 375 lb/in (ASTM D 624)
Toxicity: Non-Toxic

Mix Ratio & Procedure

AV-200 Dura-Set must be applied to a dry surface. Mix ratio is one part A to one part B. Standard version creates a durable rubber in approximately 30 minutes. Trowelled version sets in 3-4 minutes.

Storage

Store AV-200 Dura-Set between 60°-85°F (16°-30°C).

MSDS

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

Safety

Take measures not to raise dust, mist and vapor. Wear protective clothing and respiratory protection. After leaving area, decontaminate all clothing. Wash hands and exposed skin areas thoroughly. Empty containers contain residue; observe all precautions and warnings listed for the product. Clean up the work area if contaminated.

First Aid

Part A

Eyes: Flush with water for at least 15 minutes. Get medical attention.
Skin: Wipe excess. Wash with rubbing alcohol, if available, followed by soap and water. Discard shoes if contaminated.
Inhalation: Remove to fresh air. See physician for potential respiratory irritation.

Part B

Eyes: Not an eye irritant.
Skin: Not a skin irritant. Washing any substance off the skin with water is a good safety practice.
Inhalation: This product is not toxic by inhalation. Remove to fresh air.
Ingestion: Immediately drink water to dilute. Consult a physician if symptoms develop.

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Webster, Texas 77598 / 800.877.2570

www.avantigrout.com / sales@avantigrout.com