AVANTI
Stop leaks. Stabilize soil.
Control groundwater. Permanently.

TECHNICAL DATA SHEET

AV-257 Icoset™

Latex Gel Additive

Description

AV-257 Icoset™ is a low viscosity, high performance emulsion polymer for use with Avanti's chemically activated acrylic and acrylate gels, and hydrophilic urethane gels:

- AV-100® Chemical Grout – liquid and granular
- AV-118® Duriflex
- AV-160 Supergel™
- AV-254 Gelseal™

Applications

- Use as an adhesion modifying agent with Avanti's chemically activated and hydrophilic urethane gel systems

Features & Benefits

- Provides cured material with improved hydrostatic pressure resistance and better low-temperature plasticity
- Increases adhesive qualities, polymer density, and solid content of the injection grout
- Easily added to gel system
- Solvent-free
- Non-toxic

Packaging – product is packaged by net weight

- Pail – 42 lbs. (19 kg)
- Drum – 450 lbs. (204 kg)

Physical Properties*

UNCURED	
Appearance	White liquid emulsion
Viscosity (water=1)	200 - 500 cP @ 72°F (22°C)
Flash Point	>200°F (>93°C)
Specific Gravity (water=1)	1.01 @ 72°F (22°C) ± 3%
Density	8.43 lbs./gal ± 3% (1.01 kg/L ± 3%)

** Laboratory results*

Mix Guidelines

For AV-100, AV-118, and AV-160, add up to 37.5% on total grout solution of AV-257 to the Grout Side Tank (Tank A) or Catalyst Side Tank (Tank B). Use AV-257 to replace water.
For AV-254, add up to 50% on total grout solution to the water side tank only.
Refer to product's Mixing Guidelines available 24/7 at avantigrout.com.

Performance

Performance will be influenced by site conditions. If site temperatures are low, use a heat source to warm to ~72°F (22°C). Do not use open flame as a heat source. Must be kept from freezing. AV-257 might become unusable after a freeze/thaw cycle.

Cleaning

Use water with light detergent.

Storage

Store in temperatures within or near 45°F – 95°F (7°C – 35°C) in a dry atmosphere. Keep container tightly closed when not in use. Do not allow product to freeze.

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Safety
Always use OSHA-approved personal protective equipment (PPE). Refer to the SDS for complete safety precautions. The Safety Data Sheets and Mixing Guidelines are available 24/7 at avantigrout.com.

Shipping – Motor and Air Freight available

- Not regulated under US DOT Regulations
- Keep from freezing

Notice
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