

TECHNICAL DATA SHEET

AV-257 ICOSSET™

LATEX GEL ADDITIVE

DESCRIPTION

AV-257 Icaset™ is a low viscosity, gel strengthening agent (copolymer latex) for use with Avanti's chemically activated acrylic and acrylate gels, and hydrophilic urethane gels. Additionally, **AV-257** provides the cured material with improved hydrostatic pressure resistance, better low-temperature plasticity, and improved adhesion.

APPLICATION

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

FEATURES AND BENEFITS

- Increases effectiveness of gel in the substrate matrix while not hindering permeation
- Easily added to gel system
- Solvent-free
- Non-toxic

HOW IT WORKS

AV-257 adds strength to the cured gel system. Refer to the technical data sheet for information on a specific Avanti International gel system.

ADDITIVE FOR

- **AV-100®** Chemical Grout
- **AV-118®** Duriflex
- **AV-160** Supergel™ (use on catalyst side only)
- **AV-254** Gelseal™ (use on water side only)
- **AV-350** Multigel™ (use on water side only)

PACKAGING

Product packaged by weight based on specific gravity.

Drum Net Wt. 450 lbs. (204 kg)

Pail Net Wt. 42 lbs. (19 kg)

SHIPPING

- Motor Class 55
- Non-Hazardous
- Air freight available
- Keep from freezing

PROPERTIES*

Appearance:	White liquid emulsion
Viscosity:	200 - 400 cP @ 72°F (22°C)
Flash Point:	>200°F (>93°C)
Specific Gravity:	1.01 @ 72°F (22°C) ± 3%
Density:	8.43 lbs./gal ± 3% (1.01 kg/L ± 3%)

*Laboratory Results

MIX PROCEDURE

If mixing acrylic gels, add up to three gallons (12 L) to the grout side tank only (replaces up to three gallons of water). For **AV-160**, use on the catalyst side tank only. If mixing **AV-254** or **AV-350**, add up to three gallons (12 L) to the water side tank only (replaces up to three gallons of water). Refer to the product Technical Manual to see mixing instructions for specific gel product.

PERFORMANCE

Performance will be influenced by site conditions. If site temperatures are low, heat the product to recommended operating temperatures of 60°F – 90°F (16°C – 32°C). Do not use open flame as a heat source.

Must be kept from freezing. **AV-257** has limited freeze/thaw cycles before it becomes unusable.

CLEANING PRODUCTS

User 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 to freeze.

SAFETY

Always use OSHA-approved personal protective equipment (PPE). Refer to the SDS for complete safety precautions. The SDS is available by request or via download at avantigrout.com.

NOTICE

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