

## TECHNICAL DATA SHEET

# AV-257 ICOSSET™

### LATEX GEL ADDITIVE

#### DESCRIPTION

**AV-257** Icoset is a low viscosity, gel strengthening agent (copolymer latex) for use with Avanti's chemically activated acrylic/acrylate gels; and hydrophilic urethane gels. In addition, it 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](http://avantigrout.com).

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