

Product Data Sheet

MASONRY, STONE, TILE & GROUT SEALER

A premium grade bio-based penetrating clear sealer that is engineered from advanced soy ester dispersion technology (natural plant oils) and modified acrylics. Acri-Soy MST[™] is specially formulated as a ready to use sealer for porous masonry, natural stone, tile and grout surfaces.

Acri-Soy MST[™] delivers a natural matte, no sheen finish that is commonly desirable for vertical masonry walls and natural stone, tile and grout surfaces. The penetration ability with a superior bond and seal provides long lasting protection against UV, moisture, efflorescence, marring, and stains.

It is virtually odorless and contains no hazardous ingredients. Installation is fast, easy, and safe with unsurpassed coverage capability of 400-600 square feet per gallon. Only one coat is required for most applications.

Sustainable. Durable. Breathable.

Acri-Soy MST[™] contains over 20% bio-based content and does not produce hazardous offgassing. Acri-Soy MST[™] is truly the leader in sustainable sealer technology meeting environmental air quality standards and many Green Building LEED criteria such as low emitting materials and rapidly renewable material content.

The natural plant oils from our advanced soy dispersion technology acts like petrochemical or solvent based systems, but without the toxicity or hazards. By using nature's own chemistry to preserve and protect porous substrates, Acri-Soy MST[™] delivers superior performance by integrating within the substrate and avoiding topical films that are more susceptible to premature wearing.

Since Acri-Soy MST[™] is a penetrating and breathable technology, it allows moisture to escape without lifting or degrading the functions of the sealer.

PERFORMANCE FEATURES:

- ◇ Solvent Free
- ◇ Non-Hazardous
- ◇ Non-Flammable
- ◇ Non-Film Forming
- ◇ Ultra Low VOC < 25 g/l
- ◇ Virtually Odorless
- ◇ UV Resistant
- ◇ Interior/Exterior Use
- ◇ Fast Return to Service
- ◇ Lowest Per Sq.Ft Cost
- ◇ Preserves & Protects
- ◇ Extends Substrate Life
- ◇ Delivers Natural Beauty
- ◇ Mold & Mildew Resistant

ENVIRONMENTAL FEATURES:

Acri-Soy MST[™] is an eco-friendly alternative to conventional solvent or water-based sealers. It is the leading sealer technology that contains over 20% bio-based content and meets all environmental air quality standards. It does not contain hazardous ingredients nor does it contribute to lingering toxic odors, allowing safer installation and safer return to service for building occupants.

This innovative bio-based chemistry helps green builders meet Green Building LEED criteria for low-emitting materials and renewable resource material content. It also provides for a safer construction site as there are no flammable or combustible ingredients, and no hazardous reporting ingredients.

ACRI-SOY MST[™] APPLICATIONS:

- ◇ Block Walls
- ◇ Mexican Tile
- ◇ Brick Pavers
- ◇ Fiber Cement
- ◇ Flagstone
- ◇ Stucco
- ◇ Tile Grout
- ◇ Travertine
- ◇ Plaster

CSI Divisions:

Division 7- Thermal & Moisture Protection, 07 1900 Water Repellents. Division 9 - Finishes, 09 9300 Staining & Transparent Finishing; 09 9400 Decorative Finishing

LEED Green Building Rating System:

Materials & Resources:

- Building Reuse, MR Credit 1
- Local/Regional Materials, MR Credit 5
- Rapidly Renewable Materials, MR Credit 6
- Indoor Environmental Quality:
- Low-Emitting Materials, EQ Credit 4

ACRI-SOY MST[™] PACKAGING:

Acri-Soy MST will yield approximately 400 to 600 square feet per gallon depending on porosity and application method used.

- 32 Ounce/6 Case Pack (Labeled as Acri-Soy Grout Sealer)
- 1 Gallon Can/4 Case Pack
- 5 Gallon Pail
- 55 Gallon Drum

TECHNICAL DATA:

VOC: < 25 g/l

Odor: Very Mild. Virtually Odorless

Bio-Based Content: > 20%

Installation Temperature: 40° F (4 C) to 120° F (49 C)

Relative Humidity: 85% maximum, below 80% for best results.

Dry to Touch: 30 Min to 1 Hr depending on ambient temperature.

2nd Coat: 1 hour if applicable

Open To Foot Traffic: Flood Coat (Tile and Grout)-12 Hours Light, 24 Hours Normal. Grout Seal- 4-6 Hours

Full Cure: 5 to 7 Days (Depending on environmental conditions)

APPLICATION:

The surface area must be clean, dry, porous and free from all contaminants that may prohibit penetration. Apply material in a thin even coat and avoid puddling. If puddles occur, backroll immediately to avoid lap marks or whitening.

Flood Coat Applications: Apply by HVLP (high volume, low pressure) sprayer, 16" NylFoam pad applicator, T-Bar applicator, or 3/8" or 1/2" nap roller. You may also apply the material with a pump sprayer, then back roll.

Grout Applications: Use a brush or foam pad brush applicator to apply material along the grout lines. If using the 32 Ounce flip spout package, simply pour along grout lines.

Use a clean damp cloth or sponge to wipe excess sealer from grout lines and surrounding surfaces.

AVAILABLE AT: