



SASE D1™ Densifier

OVERVIEW

SASE D1™ Densifier is a water-based low VOC (1g/L), premium-hybrid multi-silicate densifier that increases surface hardness, reduces dusting, and improves stain resistance for new or existing concrete and cement terrazzo floors. Unlike typical densifiers, SASE D1™ Densifier penetrates concrete surfaces at different levels ensuring hardening of the wear surface regardless of porosity.

SASE D1™ Densifier is easier to apply than traditional potassium and sodium hardeners and does not contribute to ASR (Alkali Silicate Reaction). The product can be applied over dye, reactive stain and integrally colored concrete systems to enhance coloration and increase surface durability.

PERFORMANCE

- Improves stain resistance from oil and food substances
- Eliminates scrubbing, flushing and hazardous wastewater
- UV stabile
- Excellent abrasion resistance and durability
- Enhances color and sheen
- Fast curing to expedite process and open up floor to traffic
- Does not reduce slip resistance

PREPARATION

Protect people, property, glass, plants, animals, vehicles and any other surfaces other than receiving protectant, from splash, overspray, residue and wind drift.

Ensure any new concrete is cured fully prior to application. Surfaces should be thoroughly cleaned of any curing agents, dust or other contaminants for optimum penetration.

If unable to perform caulking, patching and joint sealant work prior to product application, joint preparation may be required to ensure proper adhesion. Always test areas of sealant work to check for staining or discoloration of materials.

LIMITATIONS

- Do not apply to areas subject to constant or excessive moisture, or hydrostatic pressure
- Not intended to stop water penetration through open joints, cracks or similar defects
- Not recommended for non-masonry surfaces or materials

TEMPERATURE GUIDELINES

Use product with air and surface temperatures of 40-105°F (4-40°C); do not apply product outside of these ranges. Avoid application in high winds.

REGULATORY COMPLIANCE

SASE D1™ Densifier is compliant with most local, state and national VOC regulations, including the following:

- US Environmental Protection Agency
- California Air Resources Board SCM Districts*
- South Coast Air Quality Management District*
- Maricopa County
- AZ Northeast Ozone Transport Commission

*Always verify product conformance with local and state codes, prior to application

APPLICATION

Read and fully understand "Preparation" and "Safety Information" prior to application of product. Always test surfaces for desired results prior to commencing work. Recommended method of application is with a low-pressure (40 psi or less) pump sprayer and a conical tip, with a microfiber pad and applicator.

1. Apply in one continuous application. For honed or polished concrete, apply product after initial honing stages. Apply enough product to obtain full surface coverage.
2. Spread product with a microfiber pad and applicator. Continue applying product to ensure surface remains wet for 10 to 15 minutes. Do not allow product to pool or puddle.
3. Additional applications may be used in later stages of concrete polishing for increased hardness.
4. After surface is dry, continue refinement process for polished concrete. For trowel or finished surfaces, burnish surface with a high speed machine and diamond-impregnated maintenance pad to remove residue and enhance surface.
5. With SASE you never have to go it alone. For the industries best customer service and support please call 800.522.2606 to speak to a technical support representative.



COVERAGE

SASE D1™ Densifier is ready-to-use and should not be diluted with any other material. Typical coverage is:

- 500 to 750 square feet per US gallon
- 46 to 70 square meters per US gallon

DRYING TIME

Allow a minimum 1 hour after product has dried before burnishing. Burnish after each application. Surfaces should be protected from excessive moisture and vehicular traffic for minimum 24 hours after application. Stain resistance begins 24 hours after application and full resistance is typically achieved in 7 days.

STORAGE AND HANDLING

Store product in a cool, dry area. Keep containers upright and tightly closed when not in use. Do not allow product to freeze, and discard if product has been frozen. Product has approximate shelf life of 1-year in factory-sealed container stored properly. Maintain temperatures of 45-105°F (7-40°C). Dispose of unused product in accordance with all local, state and federal regulations.

MAINTENANCE

It is recommended to apply SASE D1™ Densifier to protect the surface. Remove staining agents from treated areas as soon as possible. Contact manufacturer for repair recommendations.

Many cleaning agents are destructive to concrete surfaces, even to those treated with SASE D1™ Densifier. Only use cleaners specifically formulated for exposed concrete surfaces. The manufacturer recommends signature cleaner as a daily cleaning solution.

CLEANUP

Clean tools and equipment immediately with water. Rundowns and spills should be removed immediately. Do not reuse containers.

SAFETY INFORMATION

Reference the Material Safety Data Sheet prior to handling and applying product. SASE D1™ Densifier may be an irritant to skin, eyes and respiratory system. Avoid contact with eyes, skin and clothing. Breathing vapors or mists produced by this product should be avoided. Always use appropriate eye protection, and chemical-resistant apparel. Use safety equipment, ventilation and other necessary controls during application and handling. Material is non-flammable and non-combustible.

FIRSTAID

- Ingestion: Contact physician or Poison Control Center immediately.
- Eye Contact: Rinse eyes under running water for 15 minutes minimum. Seek medical attention.
- Skin Contact: Rinse skin thoroughly. Seek medical attention if irritation persists.
- Inhalation: Move to fresh air. Provide artificial respiration if not breathing. Get immediate medical attention.

WARRANTY

The information contained herein is based on laboratory testing and believed to be accurate. Due to an inability to anticipate all variations or possible applications, we cannot guaranty the reliability of the information listed herein. The applicator is responsible to test and determine product suitability for each intended purpose.

SASE Company, Inc. warrants this product to be free of defects-only, unless otherwise required by law. Any liability shall be limited to refund of purchase price or replacement of defective material.

Warning
GHS07



H315: Causes skin irritation
H319: Causes serious eye irritation

Product	Shipping Wt.	Container (s) RTU: Ready To Use	Volume (RTU)	Coverage Sq. ft.
SASE D1™	50 lbs.	RTU - 5 Gal	1 Gal	500 Min. - 750 Max

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