



TECHNICAL DATA SHEET

DNS-400 Sprayable Acrylic Sealer

DYE-N-SEAL® Concrete Dye System

DYE-N-SEAL DNS-400 Sprayable Acrylic Sealer is a fast drying, long-lasting, solvent-based lacquer sealer designed to protect and beautify your decorative concrete. It contains complex additives and acrylics not found in any other sealers to provide outstanding UV protection, along with fungicides to help mildew from attacking the coating. Testing has proven that it has a longevity well beyond three years under normal conditions, when applied as directed. It can be used for interior or exterior applications, and is oil and chemical resistant. DNS-400 meets and exceeds VOC rules as written under the Clean Air Act. It contains less than 3.3 pounds per gallon/400 grams per liter of Volatile Organic Compounds as required for a concrete protective coating.

DNS-400 can be used on interior or exterior masonry and concrete-type surfaces. DNS-400 can be used as a base-coat for interior applications where a compatible, commercial floor wax is planned as part of a maintenance program. Use on colored or uncolored, stamped or exposed aggregate concrete, porous brick, natural and manufactured stone, stucco, slate, unglazed tile and flagstone.

BENEFITS:

- Fast-Drying, Long-Lasting and Breathable.
- Provides a high-solids, high gloss, non-yellowing wet look.
- Outstanding UV protection.
- Contains Fungicides to help mildew from attacking the coating.

DNS- 400 is available in five-gallon (18.925 L) containers .

COVERAGE: DNS-400 will cover approximately 250-300 square feet per gallon (6.13–7.36 m²/L) depending upon porosity of the surface.

STORAGE: Store in a safe place. Keep containers tightly sealed. DO NOT allow product to freeze. Material that is frozen CANNOT be used when thawed. Shelf life is approximately 12 months.

CAUTIONS: Contains aromatic hydrocarbons. KEEP OUT OF REACH OF CHILDREN. Before using or handling, read the Material Safety Data Sheet and Warranty. DO NOT TAKE INTERNALLY. Do not breathe vapors or mist. Use only with adequate ventilation and use a respirator when levels are above applicable limits. Avoid contact with skin and eyes. Close container after each use. Use good hygiene when handling this product and wash and bathe after each use. Be sure to wash clothing after each use.

WARNING: NOT RECOMMENDED FOR DENSE SURFACES. Apply in thin coats, only on surfaces textured for slip resistance. If applied too heavily or applied to dense surfaces, the sealer may become slippery, especially in areas where water accumulates. If in doubt, test the surface by sprinkling with water. If water beads up on the surface, additional cleaning and testing must be done. Do not use where hydrostatic pressure is possible.

PREPARATION: New concrete should be cured at least 28 days prior to application. The application area must be completely clean and dry to the touch. Pressure washing and power scrubbing may be necessary. The recommended surface profile for DNS-400 Sprayable Acrylic Sealer is a CSP1. Surface preparation guidelines are written by ICRI and outlined in Guideline NO. 03732 Selecting and Specifying Concrete Surface Preparation for Sealers, Coatings, and Polymer Overlays. Remove all efflorescence, oil dirt, wax, old paints, sealers, and curing compounds. RINSE THOROUGHLY. Allow the surface to dry at least 24 hours. Soaps and detergents should never be used for cleaning. Dried residue on the

surface will prevent the sealer from bonding. Acid washing is NOT recommended. If acid is used, a representative area must be tested. Soak the entire surface with water before applying the acid mixture. When the fizzing stops, rinse with clean water. After 10 or 15 minutes, the surface must then be flushed with clean water and neutralized with a pH neutralizer such as ammonia, baking soda, or T.S.P. Repeat rinsing and neutralizing. Acid residue will prevent the sealer from penetrating. Allow the surface to dry, at least for dense surfaces such as glazed tile, marble or granite, dense brick, dense slate, or terrazzo. If in doubt, test the surface by sprinkling with water. If water beads up on the surface, additional cleaning and testing must be done. Do not use where hydrostatic pressure is possible.

APPLICATION: Always test a small area of surface to verify protection and appearance. Use DNS-400 full strength. DO NOT THIN. Apply 1-2 light, even coats with a low-pressure airless sprayer or short napped roller.

CAUTION: If using a roller to apply sealer, be careful to apply in thin coats, maintain a wet edge, and do not back-brush. Allow 1-3 hours between coats or until the surface is dry to the touch. Apply in temperatures between 12.8°C - 26.7°C (55°F - 80°F). Avoid using in direct sunlight, especially on hot, windy days. Apply during the cooler part of the day when the surface is shaded. Do not apply on rainy or foggy days. Excess moisture will not allow the sealer to dry properly. Use only in well ventilated areas. It is recommended that foot traffic remain off the finished sealed surface for 24 hours. For heavy traffic, allow 72 hours for curing. HELPFUL HINT: Use toluene or lacquer thinner for easy cleanup.

MAINTENANCE: The sealed surface should be inspected periodically for areas of thin or traffic-worn sealer, and reapplied as needed. If traces of efflorescence are present, this should first be eliminated with a gentle cleaner such as AmeriPolish® Conditioning Cleaner.

WARNING: USE ONLY AS DIRECTED. SEALER CONTENTS ARE HIGHLY FLAMMABLE AND MAY CAUSE FLASH FIRES. DURING USE AND UNTIL VAPORS ARE GONE: KEEP AREA PROPERLY VENTILATED AND KEEP AWAY FROM HEAT, SPARKS, OR OPEN FLAMES. A NONEXPLOSIVE VENTILATION SYSTEM MAY BE REQUIRED TO ACHIEVE PROPER VENTILATION. HARMFUL IF INHALED. KEEP OUT OF REACH OF CHILDREN. IN CASE OF EMERGENCY CALL: 1.800.255.3924, DAY OR NIGHT

WARRANTY: This product is intended for use by licensed contractors and installers, experienced and trained in the use of these products. It is warranted to be of uniform quality, within manufacturing tolerances. The manufacturer has no control over the use of this product, therefore, no warranty, expressed or implied, is or can be made either as to the affects or as results of such use. In any case, the manufacturer's obligations shall be limited to refunding the purchase price or replacing material proven defective. The end user shall be responsible for determining product's suitability and assumes all risks and liability.

DYE-N-SEAL™ 400 Sprayable Acrylic Sealer Suggested Short Form Specification:

All concrete flatwork designated as being sealed in the plans and specifications shall be sealed with 1-2 light, even coats of DNS-400, at the rate of approximately 250 – 300 square feet per gallon (6.13 – 7.36 m² / L).

DNS-400 shall be applied in accordance with the DNS-400 Technical Information Sheet.

ORDER SPECIFICATIONS

Product: DNS-400 Sprayable Acrylic Sealer

Shipping Weight	Container Size	Item Number
40.0 lbs (18 kg)	5-Gallons (18.925 L)	DNS-400

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