



THE #1 CHOICE OF
PAINTING PROFESSIONALS®

W 820

100% Acrylic Chalkboard Waterproofing Sealer W 820



DESCRIPTION: **W 820** is a premium 100% acrylic waterborne coating designed for sealing and resurfacing slate and composition chalkboards. **W 820** dries to a flat finish that is both extremely hard and durable. **W 820** has good flow and leveling, resists sagging, and cleans up easily with water. Within California, available only in quarts.

PRODUCT INFORMATION

SOLVENT TYPE: Waterborne **RESIN TYPE:** 100% acrylic

FINISH (ASTM D 523): Flat: 1-3% on a 60° meter after 14 days.

COLORS: Green and Black

TINT BASES: L Tintable White, M Medium

VISCOSITY@77°F/25°C (ASTM D 562): 78–82 KU

MAXIMUM VOC CONTENT 250 g/L (as supplied)	MAXIMUM RAVOC (Reactivity-Adjusted VOC) 170 g/L
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SOLIDS BY VOLUME (ASTM D 2697) 43.5% ± 2%	SOLIDS BY WEIGHT 60.0% ± 2%
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WEIGHT PER GALLON (ASTM D 1475): 11.30 lbs.

COMPOSITION BY WEIGHT

Pigment—41.9%		Vehicle—58.1%	
*Prime pigments	6.8	Acrylic resins	16.7
Reinforcing pigments	35.1	Water & additives	41.4
<i>*Prime pigments include titanium dioxide (TiO₂), plus all other pigments directly adding to the hiding power of this paint.</i>			

RECOMMENDED FILM THICKNESS PER COAT

Wet: 3.4 mils Dry: 1.5 mils

PRACTICAL COVERAGE PER COAT AT RECOMMENDED DRY FILM THICKNESS

Approximately 400–450 sq. ft. per gallon, depending on surface conditions and application techniques.

THINNING RECOMMENDATION: This coating is intended to be applied without thinning or diluting under normal environmental and application conditions. If necessary to maintain good workability, add up to 1/4 pint (4 fl. oz.) of clean water per gallon of coating.

AVERAGE DRY TIME@77°F/25°C (ASTM D 1640)

To touch: 30–60 minutes Recoat: 4–6 hours To use: 36 hours
Dry times and recoat times are temperature, humidity and film thickness dependent.

APPLICATION EQUIPMENT: Brush, roller, (short nap), airless spray (see Special Instructions)

PACKAGING: *Within California, available only in quarts. One-gallon, five-gallon containers

STORAGE: Store in a dry area. Protect from freezing. Protect from temperatures above 110°F for extended periods of time. Extreme temperatures may cause paint to become unusable. See **Paint Storage Best Practices** Technical Bulletin at dunnedwards.com for more information.

CLEANUP: Warm, soapy water

DISPOSAL: For information on local options to dispose of unwanted leftover paint, call Dunn-Edwards Customer Service at 1-888-DEPAINT or visit www.dunnedwards.com. **Do not mix with other products.**

SAFETY DATA SHEET: Available at www.dunnedwards.com

SURFACE PREPARATION: All new and previously painted chalkboards must be thoroughly cleaned to remove all dust, dirt, tape, oil, mildew, and other contaminants. Surface should then be wiped clean with paint thinner.

SPECIAL INSTRUCTIONS

- **CAUTION:** Scraping or sanding surfaces of older buildings (especially pre-1978) may release dust containing lead or asbestos. **EXPOSURE TO LEAD OR ASBESTOS CAN BE VERY HAZARDOUS TO YOUR HEALTH.** Always wear appropriate personal protective equipment during surface preparation, and finish cleanup of any residues by water-washing all surfaces. For more information, see Dunn-Edwards brochure on “Surface Preparation Safety” or call EPA’s National Lead Information Hotline at 1-800-424-LEAD, or visit www.epa.gov/lead or/asbestos, or contact your state or local Health Department.
- This product can neither cause nor prevent or cure the growth of mold, mildew, or other forms of fungus. Excessive moisture and inadequate ventilation are the main conditions that promote their growth. Correct any such conditions before painting.
- A three-coat application is recommended in order to achieve sufficient film build. For heavily used and pitted chalkboards, a four-coat application is needed.
- After the final coat has dried for 36 hours, sand lightly and evenly with #500 wet/dry sandpaper until the surface is smooth. Sponge clean and allow the surface to dry. Chalk the entire surface with the flat side of a piece of white chalk, then remove the chalk dust with a dry cloth or eraser.
- Do not apply when the air or surface temperature is below 50°F.