



# DYC1375

## DYA-BOND CLEAR WATERBORNE ACRYLIC CHALK BONDER AND SEALER

### 1375 Data Sheet

#### CHARACTERISTICS

Dya-Bond 1375 is a clear non-yellowing acrylic Bonder/Sealer that is formulated penetrate mild to medium residual chalk after pressure cleaning. It penetrates and effectively bonds chalk so that subsequent paint films adhere tightly without lifting from the old surface. May be applied directly to new cementitious surfaces with a pH of 13 or less.

#### RECOMMENDED USES

- Stucco/Masonry - New or Previously Painted
- Hard Board - New or Previously Painted
- Wood - Previously Painted Only
- Aluminum - New or Previously Painted
- Galvanized Metal - New or Previously Painted
- Brick - New or Previously Painted
- Ferrous Metals - Properly Primed or Previously Painted

#### FEATURES/BENEFITS

- Excellent Adhesion and Adhesive Properties
- Resistant to Moisture Penetration
- Resistant to Peeling, Cracking and Blistering
- Paint over this primer within 1 hour.
- Paint with Acrylic or Oil Based Paints
- Alkali resistant to pH 13

#### SPECIAL NOTES

Note: Careful pressure washing with chlorine to remove mildew and excess chalk is always necessary. If heavy chalk remains, repeat pressure cleaning.

Dya-Bond is not recommended for use on Bare Steel or Bare Wood. Dya-Bond should be applied with an appropriate sized roller nap or backrolled if applied with a sprayer. Metal rust must be treated and encapsulated before applying Dya-Bond when repainting Ferrous metals.

#### FOR ADDITIONAL INFORMATION

See MSDS or call toll-free 1-800-282-7901.

#### TECHNICAL DATA

Vehicle Type ..... Acrylic Latex  
 Finish/Sheen ..... Flat / Coarse Texture  
 Solids by Weight ..... 28.13% ± 1%  
 Solids by Volume ..... 23.51% ± 1%  
 Viscosity ..... 95 ± 1 KU  
 VOC (less exempt solvents) ..... 88 g/L.  
 Weight per Gallon ..... 8.30lbs.

#### COVERAGE

250-300 S.F./Gal.  
(Actual coverage may vary depending on type of substrate, and application method.)

#### KEY ATTRIBUTES

Application Temperatures: 50 - 110°F (10 - 43.33°C)  
 Application Tools: Brush, Roller, or Spray  
 Dry Times: Touch - 20 Minutes; Recoat - 1 Hour  
 (Dry Time Based on 77°F (25°C), 50% RH)  
 Thinner: Do Not Thin  
 Clean Up: Warm Soapy Water

**NOTE:** Allow 30 Days Curing Before Washing

#### PHYSICAL PROPERTIES

Perm Rating ..... < 3 Perms  
 Alkali Resistance ..... 8-14 Surface pH.  
 Mildew Resistance ..... Excellent  
 Flash Point ..... 247°F (118.33°C)

#### CERTIFICATIONS:

GS-11: VOC Compliant in all Regulated Areas





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## DYA-BOND CLEAR WATERBORNE ACRYLIC CHALK BONDER AND SEALER 1375 Precautions & Application Guide

**PRECAUTION:** Do not freeze. Wear protective clothing, gloves and eyewear during application and cleanup of this product. Do not transport on passenger seats or inside passenger compartment of any vehicle. Store product in cargo area of vehicle, and secure with protective cloths to prevent accidental spill damage. Do not store at temperature above 100°F (37.77°C). Do not use in drinking water or food systems.

**DYA-BOND 1375** Dya-Bond 1375 Waterborne Acrylic Chalk Bonder and Sealer is formulated for priming previously painted surfaces although it may also be used as a primer for new stucco, hard board, precast concrete, tilt slab walls, brick, aluminum and galvanized steel. Dya-Bond 1375 is not an appropriate primer for bare ferrous metals or bare wood.

**PREVIOUSLY PAINTED SURFACES:** All surfaces to be sealed must be in good condition, thoroughly cleaned and free of loose and foreign matter, including dirt, mildew, algae, rust stains, sulfide stains, oil, and grease. Dya-Bond 1375 are formulated to penetrate and seal light to mild chalk residue after pressure cleaning, however medium to heavy chalk residue will require either additional cleaning or the use of a solvent bonding sealer such as Dyco #1315 Sure-Prep Chalk Sealer. Glossy surfaces should be de-glossed by manual, mechanical or chemical methods and wiped clean. Pre-soak all areas affected by mildew and algae with a 10% chlorine solution or other industry standard mildew cleanser and power wash at a minimum 2500 psi. Un-exposed areas such as eaves, ceilings, and overhangs should be pre-soaked with a detergent solution and rinsed or power washed to rinse thoroughly. Allow 12 - 24 hours dry time before applying primer. Do not apply primer if surface is damp. Check moisture as needed with a moisture meter to insure that the surface is dry enough to accept primers and/or paint. Rust stains can be removed by the use of hydrofluoric or oxalic acid solutions. Follow dilution instructions on manufacturer labels. Caution: Use rubber gloves, work goggles and protective clothing during all cleaning procedures.

**MIXING:** Read and follow label instructions before use. Tools: Apply with a brush, roller or airless sprayer as packaged.

**BRUSH:** Use appropriate premium latex paint brushes for best results. Roller: Use a 1/4"- 3/8" nap cover for smooth surfaces, a 1/2" nap cover for semi-rough surfaces and a 3/4"-1" nap cover for rough surfaces. Airless sprayer: It is recommended to use a "minimum" 1 gallon per minute pump; with .015 -.019 tips, @ 1800-2400 psi; and a 1/4" high pressure material hose. Adjust pressure as needed for desired results. Back roll material if applied

with a sprayer.

**COVERAGE:** Actual coverage may vary depending on substrate and application method.

**THINNING:** The product is ready to use. Do not dilute!

**LIMITATIONS:** Do not apply in direct sunlight or when air or surface temperature is below 50 degrees Fahrenheit or above 114 degrees Fahrenheit. Do not apply if temperature is less than 5 degrees above dew point. Do not apply if surface is damp or if precipitation is expected within 4 hours.

### CAUTION!

**HARMFUL IF SWALLOWED. MAY CAUSE EYE, SKIN AND RESPIRATORY IRRITATION. USE WITH ADEQUATE VENTILATION. DO NOT TAKE INTERNALLY. KEEP CLOSED WHEN NOT IN USE. KEEP OUT OF REACH OF CHILDREN.**

To avoid breathing vapor, spray mist, or sanding dust, open windows and doors or use other means to ensure fresh air during sanding, application, and drying. If you experience eye watering, headaches, or dizziness, increase fresh air or wear respiratory protection (NIOSH/MSHA TC 23C or equivalent) or leave area.

**WARNING!** If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to [www.epa.gov/lead](http://www.epa.gov/lead).

**CALIF. PROP. 65 • CHEMICAL WARNING:** This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. Use proper protection and adequate ventilation, when using product.

**FIRST AID:** If you experience difficulty in breathing, leave area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately. In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention; for skin, wash thoroughly with soap and water. If swallowed, get medical attention immediately.

Material Safety Data Sheet available upon request.



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