

## Tech Data Sheet / Application Guide

# Slick Bond™

## Water-Based Polyurethane-Modified Acrylic Primer

### Distributed By:

MDC Wallcoverings 400 High Grove Blvd, Glendale Heights, IL 60139

Phone: 847-437-4000 • Fax: 847-437-4017 • Toll Free: 800-621-4006

---

### Product Description

SlickBond is a high-performance primer product that provides exceptional adhesion to “difficult to paint” surfaces. Sanding may not be necessary for most clean and dull paintable surfaces, but abrasion/scuff sanding is required for maximum adhesion on surfaces such as ceramic tile, glazed block and plastic laminates. It is designed especially for use as a primer for MicroTex and LiquaPearl finish systems.

### Quantities and Colors

Container Sizes: 1 gallon and 5 gallon pails.

Colors: White. May be tinted with universal colorants. Do not exceed 2 ounces of colorant per gallon.

Note: Do not tint SlickBond when using with LiquaPearl applied as a spray finish.

### Recommended Substrates

- ⌚ Ceramic tile / Glazed block
- ⌚ Plastic laminate
- ⌚ Previously Painted Walls – semi-gloss/gloss paints
- ⌚ Fiberglass
- ⌚ Interior ferrous and non-ferrous metal

### Limitations

Not recommended for use on floors or other horizontal surfaces. DO NOT USE in corrosive chemical environments. DO NOT USE this product on ferrous metal or rusted substrates without adequate surface preparation and priming to minimize rust staining through the topcoat. Excessive color tinting may cause unsatisfactory drying. Since this is a water-based coating, drying time will be affected by temperature and humidity. Not recommended for immersion service or use on damp or wet surfaces, or areas of high heat and/or humid conditions.

### Technical Information

Solids by Weight: 42%  
Solids by Volume: 31%  
Maximum VOC: less than 250 g/l  
Flash Point: Non-flammable (aqueous system)  
Fire Rating: ASTM E-84-91a Class A or I

Finish: Flat  
Coverage Rate: 400-450 ft<sup>2</sup>/gal. (3.5 mils wet, 1.0 mils dry)  
Application Temperature: 50°-80°F, RH < 50%  
Dry Time (77°F): To topcoat - 3-4 hours (deep colored tints may require more time)

# SlickBond – Application Guide

---

## Surface Preparation and Project Conditions

### Surface Preparation

All surfaces should be prepared as if to receive a typical paint application; free from wax, oil, grease and water soluble materials. All cracks, holes or voids should be filled with an appropriate patching compound, allowed to cure and spot primed. All markings should be removed and/or sealed with a stain blocking primer to prevent “bleed through. Clean with a strong abrasive detergent, rinse well and allow to dry.

Mildew must be neutralized and removed before coating. Scrub affected areas with a 3:1 solution of warm water to household bleach. Rinse thoroughly with clean water and allow surface to dry completely before coating. Spot prime area with a stain blocking primer. Wear protective eyewear and waterproof gloves. Quickly wash skin that comes into contact with solution. Do not add ammonia or detergents to bleach/water solution (Never mix bleach with detergents - particularly detergents containing ammonia.). Spot prime area with a stain blocking primer.

When priming metal or other difficult-to-coat surfaces, solvent wiping with xylene is recommended. Do not use mineral spirits, turpentine or other solvents that will leave an oily residue. For very hard, glossy surfaces, roughing the surface with silicon carbide sandpaper before application is necessary for best adhesion.

Ceramic Tile, Glazed Block/Brick, Porcelain, Plastic Laminates: Remove old paint and debris. Repair or patch any broken or damaged areas. Thoroughly clean away any wax, polish, grease, oil and other contaminants with a strong abrasive detergent. Wipe surface with a solvent such as xylene. Scuff sand for maximum adhesion. Thoroughly remove dust from sanding using a clean, wet rag and allow to dry. Not recommended for sinks, tubs or shower areas where continuous or standing water, or hot water can be present.

Note: Where flexible seams or soft caulking are present, do not coat with this product. Always caulk after painting. Caulk all edges or seams that could trap and hold moisture and, therefore, become the source of a coating failure.

Non-Ferrous Metal: Clean away all corrosion. Remove old paint and debris. Repair or patch any broken or damaged areas. Thoroughly clean away any wax, polish, grease, oil and other contaminants with a strong abrasive detergent. Wipe the surface with a cleaning solvent such as xylene. Allow to dry.

Applicators should carefully inspect the wall surface prior to beginning an application and be sure to prepare a test area for approval prior to proceeding.

### Project Conditions

Apply SlickBond only when surface and ambient air temperatures are 50°F - 80°F and relative humidity is less than 50% for a period of 48 hours before, during and after the coating application. Substrate should be dry and free of moisture. Application area should be free from airborne contaminants prior to and during the coating application, and until the coating has fully cured. Coatings should be applied under adequate lighting. Do not apply in direct sunlight.

If spraying in an enclosed area, mist ventilation is important. Use portable industrial air filtration units with disposable filters. Ensure that adequate supplies of replacement filters are readily available.

Good lighting conditions and a good system for ventilating spray mist - visibility to the wall surface while spraying is critical to achieving best results.

DO NOT LET PRODUCT FREEZE

---

### Application Equipment

Airless Sprayer (preferred): Commercial grade sprayer equivalent to a Graco 795 or larger with a minimum tip size of .015 and minimum pressure of 2000 psi.

HVLP (preferred): Commercial grade 4 stage HVLP equipment equivalent to a CapSpray 9100 with a #3 nozzle or a Graco 4900 with a #3 nozzle.

Roller: ¼ inch nap synthetic roller.

Brush: Synthetic fiber brush

Conventional Sprayer: Not Recommended

### Application

Mix material thoroughly. DO NOT THIN. Allow new plaster and masonry to cure thoroughly before application. Fix all efflorescence problems prior to applying on a masonry surface.

For a smooth surface or when using with LiquaPearl, spray apply only using commercial grade airless or HVLP equipment. When rolling, apply with a ¼ inch synthetic roller or synthetic fiber brush. Avoid excess foaming by thoroughly wetting brush or roller with water before applying.

Apply product and allow 2-3 hours before applying finish coat.

**IMPORTANT!** – When used with LiquaPearl: Pearl effects are made possible by reflected light, and therefore, are very sensitive to the smoothness of the surface to which they are applied (rough surfaces refract light). Surface imperfections will “telegraph” through the LiquaPearl finish and may even be amplified. For applications onto drywall, great attention should be paid to the quality of taping, sanding and sealing/priming. A level 5 finish in accordance with the Gypsum Association's GA214 standard is highly recommended.

**CAUTION!** When spraying, wear goggles and a high-efficiency particulate respirator. Before spraying, caution-off the immediate application area to prevent others from coming into contact with spray mist.

### Clean-Up

Immediately clean equipment with soap and water. If product “sets up”, or when cleaning up spatters or spills, use warm water or lacquer thinner.

### Safety Information

Some persons may experience an allergic reaction to paint products if exposed to spray mist. Because spray application of this finish may create a fine mist of product in the immediate application area, a high-efficiency particulate respirator and protective glasses or goggles must be worn by the applicator. The immediate application area should be “cautioned-off” to prevent persons without safety equipment from coming into contact with mist. Ensure good ventilation. Review product MSDS sheets prior to application.

### First Aid

Ingestion – induce vomiting, consult a physician.

Skin contact – wash with soap and water.

Eye contact – immediately flush eyes for 15 minutes occasionally lifting eyelids. If contact lenses are worn, remove lenses and continue rinsing. Dispose of contaminated lenses.

Inhalation – Move to fresh air

Obtain medical attention if necessary. Refer to product MSDS. In case of emergency, MSDS information may be obtained by calling 800-535-5053.