

**DESCRIPTION:** Ultra Surface Epoxy 200 is a low viscosity, modified Bisphenol A and modified polyaminoamide adduct liquid epoxy resin and hardener with excellent adhesion, flexibility, impact and chemical resistance. It will bond to dry, damp or wet concrete. Because of its superior bonding abilities it has excellent resistance to moisture vapor from below a concrete substrate. For the best resistance to below the surface moisture problems, first apply Ultra Surface Moisture Guard, wait 24 hours, rinse the surface and then apply Epoxy 200. See the Moisture Guard Technical Data Sheet.

**TYPICAL USES:** Floor coatings, Marine coatings, Maintenance coatings. Epoxy 200 makes an excellent primer before applying an Ultra Surface Color Flake System or any Epoxy or Urethane flooring application. It is also used as a primer for the Ultra Surface Tuff-Grit System and can be used as a moisture preventative primer prior to applying Ultra Surface Polymer Concrete applications. When used as a moisture primer under polymer concrete it will be necessary to broadcast Tuff-Grit granules or Monterey sand into the Epoxy 200 to complete refusal, so no epoxy is showing through. When dry, the loose sand can be swept and blown off or vacuumed before applying Ultra Surface Polymer Concrete.

**APPLICATION TEMPERATURE:** Epoxy 200 is available in three versions according to the temperature conditions. Version #1 is for temperatures from 41-59 degrees Fahrenheit. Version #2 is for temperatures from 50-77 degrees and Version #3 for temperatures from 68-95 degrees. [Cures faster in warmer temperatures].

**SURFACE PREPARATION:** The surface to be sealed or coated should be thoroughly clean; free of any contaminants such as oil, grease or incompatible coating materials. Shotblasting or power scrubbing with detergent, acid washing, neutralizing and pressure washing are common surface preparation methods.

**MIXING INSTRUCTIONS:** The mixing ratio for Epoxy 200 is 2 parts A to 1 part B. Mix thoroughly for 3 minutes using a drill motor and mixing paddle or for small quantities (1 ½ gal.) a stir stick can be used. Scrape the sides and bottom of the container while mixing. After mixing, allow a 3 minute induction period then mix again for approximately 15 seconds. Immediately pour the entire bucket in a thin row on the floor and begin spreading. If it sits in the bucket too long it may set up prematurely. Mix only the amount of material that can be used in a 15 - 20 minute time period.

**COVERAGE RATE:** 250 - 400 sq. ft. per gallon.

**APPLICATION INSTRUCTIONS:** Spread Epoxy 200 thin using a special Metal Edge Squeegee (available from Concrete Solutions) followed by a 1/4" nap paint roller to even out any squeegee marks or uneven areas.

**RECOAT TIME:** Usually within 12 -24 hours. Best before 24 hours to ensure a chemical bond with the next coat of material. After 24 hours it will be necessary to sand the Epoxy 200 with an orbital sander and #100 grit sandpaper to be able to achieve an acceptable bond with successive coating materials.

**WARRANTY AND LIABILITY:** The applicator is responsible to make his or her own assessment of the products suitability for a particular purpose.

### Ultra Surface® Epoxy 200

#### Advantages as an epoxy material:

1. Excellent Chemical Resistance.
2. Low Viscosity.
3. Nice Gloss Appearance.
4. Cures in the presence of moisture and humidity.
5. FDA Sanctioned (CFR 175.300).
6. Excellent Adhesion.

#### Physical Properties of Cured System:

Viscosity: 525-675 cps  
Visual Appearance: Clear  
Color, Gardner: 1 max  
Flash Point, closed cup 170 degrees C; 340 degrees F.

#### OTHER INFORMATION:

Mix Ratio: 2A : 1B  
Pot Life: 15 - 30 Minutes  
Viscosity: Low  
Colors: Clear  
Storage Life: Approx. 1 year