

### TECHNICAL DATA SHEET

#### DESCRIPTION

CERAMIC PRIMER UCP is a uniquely versatile solvent base 1 : 1 epoxy coating system that balances working and cure time.

It is an epoxy primer using epoxy resin and modified polyamide resin. It is a functional primer product designed to provide excellent adhesion even to difficult-to-adhere substrates such as areas where adhesion is leveled concrete floor,poor or tiled surfaces,ceramic substrates. when using existing epoxy primers.

#### ADVANTAGES

Low Viscosity Primer  
Low modulus – stress relieving  
Fast cure formulation available for priming under coatings

#### CHECK THE TEMPERATURE AND HUMIDITY:

Floor temperature and materials should be between 55°F and 85°F. Humidity must be less than 80%. DO NOT coat unless floor temperature is more than five degrees over the dew point

#### STORAGE

Materials should be stored indoors between 60°F (16°C) and 90°F (32°C).

#### LIMITATIONS

This product is best suited for application in temperatures between 50°F and 90°F. It is designed as a moisture mitigation primer system for indoor use. It should only be applied to properly prepared, sound and stable concrete.

#### SUBSTRATE REQUIREMENTS

Bonding surfaces must be sound, clean, and free from standing water  
Substrate temperature must be a minimum of 50°F  
Substrate must be free of dirt, waxes, curing agents and other foreign materials  
should not be installed on new concrete until maximum shrinkage has occurred (at least thirty days after pour)

#### MIXING INSTRUCTIONS

Application Equipment:

- Personal Protective Equipment (PPE) & clothing per SDS (Safety Data Sheet)
- Mixer Blade
- Clean Mixing Container
- Low Speed /High Torque Power Drill
- Shed-Resistant Roller Cover- 3/8" Nap
- Application Squeegee

#### APPLICATION

Surface Preparation is the most critical portion of any successful resinous flooring system application.

Work must be performed by trained or experienced contractors or maintenance personnel.

Mix ratio for is 1 parts Resin to 1 part Hardener by volume.

#### INSTALLATION

When priming, spread Ceramic primer UCP at a rate of 129 ft<sup>2</sup> per gallon. Care should be taken to avoid puddles. Application can

be made with brush, roller, or squeegee

Coating applications should

not be recoated until Ceramic primer UCP is completely cured.

To speed up the application process, use fast cure formulation.

\*If you apply it thickly at once, it may take a long time to harden or cause problems, so apply it thinly several times.

For complete installation instructions, contact your Ultraepoxy representative

#### PRELIMINARY FLOOR INSPECTIONS

**CHECK THE CONCRETE:** Concrete must be structurally sound and free of curing membrane, paint or other sealer. If you suspect that the concrete has been previously sealed, call Ultraepoxy technical support for further instructions.

\*Note: Although testing is critical, it is not a guarantee against future problems. This is especially true if there is no vapor barrier or the vapor barrier is not functioning properly and/or you suspect you may have concrete contamination from oils, chemical spills or excessive salts.

# CERAMIC PRIMER UCP-2101A 204B



## Technical Data Sheet

### SURFACE PREPARATION

This product requires preparation in order to perform as expected. Substrate must be mechanically profiled, clean, sound, and dry.

### CAUTION

Avoid scratching or gouging the surface. All floor coatings will scratch if heavy or sharp objects are dragged across the surface. Do not drop heavy or pointed items on the floor as this may cause chipping or concrete pop-outs in the case of a weak substrate cap. Rubber tires can permanently stain the floor coating from plasticizer migration. In warehouse & industrial settings, the use of non-marking tires is highly recommended to prevent discoloration. Rubber burns from quick stops and starts can heat the coating to its softening temperature, causing permanent marking.

### DISPOSAL

Dispose in accordance with federal, state and local regulations.

### CLEAN UP

Clean skin with soap and water. Tools and equipment should be cleaned with Xylene or Lacquer thinner. Consult MSDS for safety and health precautions.

### SDS

PLEASE SEE SAFETY DATA SHEET (SDS) FOR SAFETY AND PRECAUTIONS. USE PRODUCT AS DIRECTED. KEEP OUT OF THE REACH OF CHILDREN

### TECHNICAL DATA

Mix Ratio (by volume)	1 Parts Resin & 1 part Hardener
Viscosity at 70°F	130cps
Coverage Rate	130 Sq.ft./Gal. depending on floor

### DRY / CURE TIME (Concrete test)

Pot life	40min @ 75°F
Dry to Touch	1-2 hours @ 75°F
Re coat	6-12 hours @ 75°F
Full cure & maximum resistance	2~3 days @ 75°F

### WARRANTY

Information regarding UltraEpoxy products is based upon extensive research provided by the supplier of the raw materials. By making such information available, UltraEpoxy Engineered Products Inc. does not assume any liability beyond express terms of our standard limited material warranty. UltraEpoxy Engineered Products does not warrant the accuracy or completeness of any such information, whether conveyed orally or in writing, but to the best of our knowledge believe it to be accurate. We reserve the right at any time and without notice to update or improve our products and process for the intended use or application. UltraEpoxy Engineered Products (UltraEpoxy) warrants for a period of one (1) year that its products will be free of manufacturing defects and will be in conformity with published specifications when handled, stored, mixed and applied in accordance with recommendations of UltraEpoxy. If any product fails to meet this warranty, the liability of UltraEpoxy will be limited to replacement of any non-conforming material if notice of such non-conformity is given to UltraEpoxy within 1 (one) year of delivery of materials. UltraEpoxy may in its discretion refund the price received by UltraEpoxy lieu of replacing the material. No customer, distributor, or representative of UltraEpoxy is authorized to change or modify the published specifications of this warranty in anyway. In order to obtain replacement or refund the customer must provide written notice containing full details of the non-conformity. UltraEpoxy reserves the right to inspect the non-conforming material prior to replacement EXCEPT FOR THE EXPRESSED WARRANTY STATED ABOVE, THERE ARE NO OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY IMPLIED WARRANTY OR MERCHANTABILITY OR FITNESS FOR PURPOSE. ULTRA EPOXY'S OBLIGATION SHALL NOT EXTEND BEYOND THE OBLIGATIONS EXPRESSLY UNDERTAKEN ABOVE AND ULTRA EPOXY SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO THE PURCHASER OR ANY THIRD PARTY FOR ANY LOSS, COST EXPENSE, DAMAGE OR LIABILITY, WHETHER DIRECT OR INDIRECT, OR FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.

