

TECHNICAL DATA SHEET

DESCRIPTION

acrylic primer is a product that uses water-based pure-acrylic emulsion resin and has excellent painting properties and curing properties with excellent adhesion, and can be applied to various surfaces such as concrete, brick, wood, and styrofoam.

ADVANTAGES

Excellent adhesion to concrete, steel, brick, wood, plywood, ceramic tiles, etc.

- Increased tensile and compressive strength
- Improved flexibility
- Greatly increased durability
- High abrasion resistance
- Increased impact strength
- Increased freeze/thaw resistance
- Water resistant
- Reduced shrinkage

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.

As a PRIMER

Prime all surfaces with UAP acrylic activator as per the following guidelines:

DO NOT DILUTE. Apply with a garden sprayer then spread with a broom or mop to assist complete coverage and penetration. Two coats of primer are essential.

First coat should be applied the day prior to installing overlay, and then the second commencing the next morning.

Once the milky look has completely disappeared and turned clear the surface is then ready for overlaying.

Placing the overlay before the second coat is touch-dry may result in bleed and varying white marks on the finished surface.

however, this can vary considerably according to surface porosity. An incorrectly primed surface may result in pinholes in the topping and cause accelerated and incomplete hydration of the product.

Overlay must be installed no later than 6 hours after the second coat of primer has been applied.

NOTE: Liquid requirements vary according to ambient temperature and the condition of the concrete substrate. If drying conditions include hot, dry, rapid air movement, correct the condition if possible
In-Line Heat: Surface temperatures must be above 50°F and relative humidity should be below 85%. Coating must be cured before exposing to moisture or freezing temperatures
Dry Film Thickness: For best results, dry film thicknesses should be approximately 1.5 mils above profile. This will require wet film thicknesses in the range of 3.0 to 5.0 mils. Sag resistance will be about 6.0 to 8.0 mils wet.

CERAMIC PRIMER UAP



Technical Data Sheet

SURFACE PREPARATION

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

SDS

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

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.

TECHNICAL DATA

Mix Ratio (by volume)	Single component
Viscosity at 70°F	100-150 CPS at 75°F
Coverage Rate	520-550 Sq.ft./Gal. depending on floor

DISPOSAL

Dispose in accordance with federal, state and local regulations.

DRY / CURE TIME (Concrete test)

Dry to Touch	1-2 hours @ 75°F
Re coat	6 hours @ 75°F
Full cure & maximum resistance	1-2 days @ 75°F

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.

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.

