TECHNICAL DATA GUIDE

ULTRAGRIP 4000™
PRIMER SYSTEM

PRODUCT DESCRIPTION

ULTRAGRIP 4000™ is a two component, fast dry, high build, extremely high tack primer system. This polyamide cured epoxy system is specifically designed as a high build, high tack intercoat adhesive for GLAS-TECH 9000™, GLAS-TECH 9100™ 24 hr. dry, GLAS-TECH 9700™, COUNTERCOTE 9500™, or ISOFREE 6000™ Topcoat Systems, giving all of these systems excellent adhesion over a wide variety of substrates. ULTRAGRIP 4000™ is an excellent primer system for difficult to coat substrates, and it's high build properties make it an ideal form-filling primer for minor defects in the substrate. The high density properties of this primer gives it excellent corrosion protection, making it ideal for drain and overflow areas of bathtubs, which might ordinarily peel in these areas, due to corrosion.

SPECIFICATIONS

COATING TYPE:	Polyamide Epoxy Primer System
MIX RATIO:	1:1 with 40401 Catalyst
REDUCTION:	Reduce as necessary with 40501 Reducer, to achieve best results with the type of spray equipment used.
POT LIFE:	>8 hours
INDUCTION TIME:	30 minutes, then re-mix thoroughly
RECOMMENDED FILM THICKNESS:	4 - 5 mils wet, 3.5 mils dry
THEORETICAL COVERAGE @1 MIL:	650 Sq. Ft. per mixed gallon
DUST DRY:	10 min. intercoat to 2 hours final coat @70 degrees F., depending on total film thickness.
TACK DRY:	15 min. intercoat to 3 hours final coat @70 degrees F. depending on total film thickness.
DRY TIME TO TOPCOAT:	Depending on total film thickness, 30 minutes to 4 hrs. @70 degrees F., may be accelerated with turbine air, or THERMOFUSE™ baking unit.
FULL CURE:	Designed to meet the functionality of GLAS-TECH 9100™ 24 hour dry Topcoat System.
AVAILABLE COLORS:	Available in white and grey.

DIRECTIONS FOR USE

The surface to be sprayed should be clean and properly prepared. Etch porcelain and ceramic surfaces with PORC-ETCH 1000™, or PORC-ETCH 1010™. This product is compatible with Hawk QUICK-PREP™ wipe-on primer system. Ensure the absence of water by using heat, or wiping the surface thoroughly with Hawk Moisture Extractor. Mix equal parts of Resin and Catalyst, mix thoroughly, and allow for a 30 minute induction time. Reducer may be added either before or after induction time, reduce as necessary, according to equipment specifications. H.V.L.P. users should use a starting point of 30% add rate to the mixed components.

Spray a uniform tack coat, followed by 2 medium build coats, building to a minimum wet film thickness of not less than 2 mils. ULTRAGRIP4000™ has optimal adhesion and impact resistance at 3 mils and greater dry film thickness, and may be applied to a total film thickness of up to 12 mils dry film, but it should be remembered that this may only be achieved with medium build coats, allowing for sufficient dry times between coats. The dry-to-recoat time, and cure time of this coating are exponential, depending on the total film thickness achieved. Dry time of this primer system at 3 mils is approximately 4 hours at 70 degrees F., and may be considerably longer at greater film thicknesses. The topcoat system to be used may ideally be applied while the primer is still in a tacky state, and topcoat must be applied within 24 hours of primer application. If more than 24 hours has passed, scuff the surface with 120-180 grit sandpaper, and recoat with ULTRAGRIP 4000™ before topcoating.

SAFETY

ULTRAGRIP 4000™ is designed and intended for industrial use by trained professionals who are familiar with the inherent risks and hazards of the product. Before storing, mixing, or applying this product, read and understand all of the product's Material Safety Data Sheets. For a copy of the M.S.D.S. Sheets, contact Hawk Research Laboratories at (630) 227-0050. This product may be blended with other products prior to use, and therefore may possess the hazards of all the products blended.

NON-WARRANTY

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