



HAWK RESEARCH LABORATORIES, LLC.
High Performance Coating Systems

Technical Data Sheet

GlasTech® WB 7900 Topcoat System

PRODUCT DESCRIPTION

GlasTech® WB 7900 Topcoat system is a low VOC, virtually odorless, two component, polyurethane, waterborne topcoat system. It possesses all the benefits of the traditional GlasTech Lo 9200 Topcoat System, with a simple 1:1 mix ratio and easy clean-up with water. The GlasTech WB 7900 Topcoat System is ideal for walls, shower surrounds, standing dividers, and countertops.

GlasTech WB 7900 features include:

- Low VOC, less than 100 g/L mixed
- 1 to 1 mix ratio
- Low odor
- HVLP spray or roller application

PROPERTIES

Product Type	Waterborne Polyurethane
VOC (CARB)	Less than 100 g/L as applied
Mix Ratio	1:1 with GlasTech WB 7900 Catalyst
Reduction	Reduce with up to 10% water, as necessary
Pot Life	2 Hours @ 72°F.
Induction Time	None, mix thoroughly
Application	HVLP Spray (fine finish) or Roll (slight texture)
Recommended Dry Film Thickness	3 – 4 mils dry
Theoretical Coverage @ 3 Mil DFT	270 Sq. Ft. per mixed gallon
Return-to-Service	48 hours at 72° F
Available Colors	Clear, Semi-gloss (gloss 50 – 70)

SURFACE PREPARATION/PRIMER

Preparation

The surface should be clean and properly prepared. Follow technical directions for MicroClean™ Step 1 & Step 2 cleaners, PorcEtch® 1000, PorcEtch 1010, or PorcEtch Edge for porcelain and ceramic substrates such as wall tile and shower surrounds. Resinous surfaces should be solvent wiped, and scuffed with 240 grit sandpaper.

After the surface is clean and dry, solvent wipe again and repair all surface defects using Hawk's Pro-Fil™ or Quick Set 5™ repair compound.

Priming

QuickPrep+™ Universal Bonding Agent is recommended prior to primer application.

UltraGrip™ 7400 primer is recommended before application of color coats or the WB 7900 Topcoat system. Allow for proper primer system dry times, to ensure proper inter-coat adhesion.

OPTIONAL MULTI-COLOR COAT APPLICATION

A color coat of Stoneflecks Ultra multi-color finishes can be applied over the UltraGrip 7400 primer if desired.

GLASTECH WB 7900 APPLICATION

Before GlasTech WB 7900 is applied, previous coating layers need to be completely dry (overnight, not dry to the touch) or force dried.

- Ideal application temperature range: 55 to 100°F
- Interior use only
- Mix 1 part GlasTech WB 7900 Resin with 1 part GlasTech WB 7900 Catalyst. If desired, the product can be thinned using up to 10% water.
- Pot-life: 2 Hours @ 72°F
- Apply using an HVLP spray gun or with a 3/8" nap roller cover.
- Apply to a wet film thickness of 6 to 7 mils (3 to 4 mils dry) in three coats.
- Initially, each coat will appear white or milky. Allow each coat to flash until most of the milkiness has dissipated before applying the next coat.
- Do not use forced air, turbine air, a heat gun or any other procedure to force dry between coats.
- The coating may look hazy after application. The haziness will clear up as the coating dries. (2-3 hours)
- Lower temperatures and higher levels of humidity will extend drying times.
- Higher temperatures, especially above 90°F, and lower humidity levels can shorten pot life.

Read and understand all Safety Data Sheets before mixing and usage. Product hazards exist during the mixing and application phases, and proper safety equipment should be donned while handling these products. Only mix the amount of material sufficient to spray or roll the desired surface within a period of 2 hours.

CARE AND MAINTENANCE

Wait 48 hours before returning coated substrates to service.

DO NOT:

- Use abrasive cleaners like Comet.
- Use abrasive cleaning pads which can dull or scratch a refinished surface.
- Use cleaners that contain bleach or peroxide as these will discolor and damage the surface, causing premature wear.
- Leave any cleaners or chemicals on the surface for more than 5 minutes before thoroughly rinsing.
- Use soap. Soap will leave a film behind that is difficult to remove with rinsing and will attract dirt and debris that will cause discoloration.
- Use citrus-based cleaners, or corrosive chemical degreasers as they can damage the finish. Acidic and basic cleaners will eat into the coating and shorten the lifespan of the finish.

Use only non-abrasive liquid cleaners and water e.g., Ecolab® Pro 63, Mr. Clean, Fantastik, Formula 409, Pine-Sol® original formula, or white vinegar & water (equal parts). Always use a pH-neutral cleaner.

Use only a non-abrasive sponge or damp cloth.

Dry surface after cleaning.

Safety

This product 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 the product's Safety Data Sheets. For a copy of the S.D.S. Sheets, contact Hawk Research Laboratories at (630) 227-0050 or (800) 321-4295. This product may be blended with other products prior to use, and therefore may possess the hazards of all the products blended.

Non-Warranty

Any recommendation of Hawk Research Laboratories contained herein covering use, utilization, chemical or physical properties and other qualities of the products sold is believed reliable; however, Hawk Research Laboratories has no control over the final use of this product, and therefore makes no warranty or representation with respect thereto. Use of application of any Hawk Research Laboratories' products is at the discretion of the Buyer without liability or obligation whatsoever of Hawk Research Laboratories.