



ULTRA 7000® Basecoat Intermix Color UB Factory Packaged Color

PRODUCT DESCRIPTION:

ULTRA 7000® Basecoat is an easy-to-apply, fast-drying basecoat that uses unique state of the art resin technology that results in improved hiding, drying and overall basecoat/clearcoat performance. ULTRA 7000® is easy to apply and can be clearcoated in as little as 5-10 minutes. ULTRA 7000® Basecoat offers exceptional clearcoat gloss hold out and distinction of image, while providing excellent clearcoat to basecoat adhesion. ULTRA 7000® uses special "Basecoat Stabilizer" that makes the blending of colors easier and locks metallic/mica flakes into position ensuring a mottle-free basecoat.

TECHNICAL DATA:

- Mixing ratio by volume 1 : 1 • Maximum VOC as applied @ 1 : 1
- Basecoat Color : Basecoat Stabilizer VOC total 6.61 lbs/gal 792 g/l
- Viscosity (sprayable) #2 Zahn 15-18 sec VOC less exempt 6.61 lbs/gal 792 g/l
- Recommended dry film thickness 0.5-1.5 mils

SURFACE PREPARATION:

(Refer to respective product labels or data pages for complete information.)

1. Final sand repair area when sealing with P400 grit or finer sandpaper. When directly topcoating over primer, final sand repair area with P600 grit or finer sandpaper. Sanding can be done either wet or dry.
2. Solvent clean with an appropriate ULTRA 7000® surface cleaner and wipe dry with clean cloth.
3. Treat sand throughs to bare metal with self-etching primer E2G973, PE990, or NP75.

Preparation for Blending Panels (Prior to Basecoat Application):

1. Solvent clean with an appropriate ULTRA 7000® surface cleaner and wipe dry with a clean cloth.
2. Blend panel should be sanded with P800 grit or finer sand paper on a random orbital sander or scuff sanded with USP90 Ultra Scuffing Paste and water using a gray nylon scuffing pad. Rinse surface thoroughly with a dry with a clean cloth.
3. Repeat step one - then thoroughly tack the surface to be painted with a clean tack cloth.

MIXING:

Stir or shake Basecoat Color and Basecoat Stabilizer thoroughly before mixing. Stir thoroughly after mixing and strain before use.

- **Mixing Basecoat:** Mix 1 part Basecoat Color to 1 part Basecoat Stabilizer.
- **Basecoat Stabilizer Selections/Temperature Ranges:**
(Choose the Basecoat Stabilizer that best fits the repair size and shop temperature)

Size of Repair	RHF65 or BCS600	Fast	RHF75 or BCS605	Standard	RHF85 or BCS608	Medium / Slow	RHF95 or BCS610	Hi- Temp
Small spot repairs	60 - 90°F		75 - 90°F		85 - 100°F		above 110°F	
1- or 2-panel repair	60 - 80°F		70 - 85°F		80 - 100°F		above 100°F	
Multi-panel repair	60 - 70°F		65 - 75°F		75 - 95°F		above 95°F	
Complete refinishing	Below 60°F		60 - 70°F		70 - 90°F		above 90°F	

- **Flexible Parts**
 1. **Using RHF Stabilizers: No hardener is needed.**
 2. **Using BCS 600 series stabilizer:** When mixing basecoat for use over plastic or flexible substrates, mix basecoat 1 : 1 as normal, then add 1 ounce of ULTRA 7000® Urethane Topcoat Hardener to 1 sprayable quart of ULTRA 7000® Basecoat Color. *Flexible Additive is not required in ULTRA 7000® basecoat for ULTRA 7000® Warranty.*
- **Pot life of Basecoat:**
 1. **Using RHF Stabilizer:** 8 hours
 2. **Using BCS 600 series stabilizer:** When mixed without hardener – indefinite, when mixed with hardener – 8 hours.

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• **IMPROVED CHIP RESISTANCE / OE CERTIFICATION RECOMMENDATION**

Using hardener in the basecoat improves the chip resistance when exposed to extreme impact conditions. RHF Integrated Stabilizers meet Ultra 7000 Lifetime Guaranty specifications with no additional hardener required. To improve chip resistance and to comply with specific OE Certification programs:

1. **Using RHF Stabilizers:** Add 1 ounce of UH904 hardener to 1 sprayable quart of ULTRA 7000® Basecoat color, mixed 1:1 with RHF Reducer.
2. **Using BCS 600 series stabilizers:** Use 1 – 2 ounces of hardener UH22, UH33, UH44, UH55, UH60, UH70, UH80, UH100, UH904, or UH924 to 1 sprayable quart of ULTRA 7000® Basecoat color.

APPLICATION:

1. Adjust air pressure at the gun to 45 psi for siphon feed or pressure feed (adjust pot pressure to 5 -10 psi). Use 20 psi for small repairs to minimize overspray. Set air cap psi at 7-9 pounds for HVLP.
2. Apply 2-3 medium wet coats; spray to hiding, allowing each coat to become hand slick before applying the next coat.
 - **Low Pressure Mist Coat:** After hiding is achieved and the basecoat has been allowed to flash to a dull appearance, apply a low pressure mist coat at 5 psi air cap pressure for HVLP or 25 to 30 psi for a conventional gravity feed gun. Increase gun distance by 2 – 3 inches to achieve a wet droplet appearance. This will help uniform metallic / mica particles. The low-pressure mist coat is also used when blending into the original finish. For small repairs apply basecoat at 20 - 30 psi to minimize overspray; a low pressure mist coat is not required in this case.
3. Allow 10 - 20 minutes flash before clearcoating when using the RHF65 / BCS600, 20 - 30 minutes when using RHF75 / BCS605 and RHF85 / BCS608, and 30 - 40 minutes when using RHF95 / BCS610.

BLENDING:

1. To maximize blending ULTRA 7000® basecoat, mix ready to spray basecoat color with 2K S65 Basecoat Transparent/Adhesion Promoter 25% (1 part S65 to 4 parts mixed basecoat) and up to 100% (1 part S65 to 1 part mixed basecoat) for final blending application.
2. For complete product use regarding S65, refer to S65 Product Data Sheet.

DRYING SCHEDULE:

Dry times are based on the recommended dry film thickness of 1.0 - 1.5 mils for basecoat color and 2.0 - 2.5 mils for clearcoat. Thicker films will extend drying times.

• **Air dry times @ 75°F and 50% R.H.:**

	RHF65 or BCS600	Fast	RHF75 or BCS605	Standard	RHF85 or BCS608	Medium / Slow	RHF95 or BCS610	Hi- Temp
Dust free	2 - 5 minutes		5 minutes		7 minutes		10 minutes	
Tape time	10 - 20 minutes		20 - 30 minutes		20 - 30 minutes		40 minutes	
Recoat	10 - 20 minutes		20 - 30 minutes		20 - 30 minutes		30 - 40 minutes	

SPECIAL NOTES:

- Do not use fisheye additive in the basecoat. Fisheye additives contain silicone which can lead to clearcoat / basecoat delamination.
- Do not scuff sand (wet or dry), or solvent clean basecoat before application of clearcoat. (Small areas may be wet sanded to remove dirt, and basecoat re-applied.)
- Recoat basecoat color before 7 days or remove basecoat color.
- When doing multiple colors, apply the lightest color first, the next darker second, etc. Lighter colors will dry faster than darker colors.

PRODUCT AT-A-GLANCE

PRODUCT

ULTRA 7000® Basecoat

Prefix B7, MT, U7

USE

- An easy-to-apply, high-gloss Acrylic Urethane System with excellent durability.
- Matches OEM basecoat/clearcoat colors..
- Uses unique Basecoat Stabilizers (RHF65, RHF75, RHF85, RHF95) or (BCS600, BCS605, BCS608, BCS610) that control color blending.
- Choice of clearcoat to fit shop's production methods.

SUITABLE SUBSTRATES

- OEM Enamels
- Aged Refinishes
- PRIMESHIELD™ 4.6 Epoxy
- AQUA-FILL® 1K Waterborne Primer
- G.B.P.® Etching Filler
- AQUA II® Primer-Surfacer
- COLOR-PRIME™ Tintable Primer
- ULTRA-FILL® HS Primer-Surfacers and Sealers
- SpectraPrime™
- ULTRA-FILL II® Undercoats
- ULTRA-FILL® CP Primer-Surfacer
- ULTRA-FILL® Primer-Surfacer
- S65 AdPro Adhesion Promoter
- SpectraSeal™

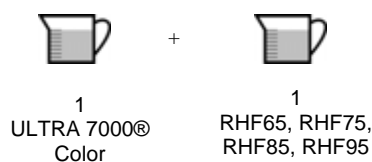
SURFACE PREPARATION

- **Final Sand** repair area when sealing with P400 grit or finer sandpaper. When directly topcoating over primer, final sand repair area with P600 grit or finer sandpaper. Sanding can be done either wet or dry.
- **Solvent clean** with an appropriate Sherwin-Williams solvent cleaner and wipe dry with a clean cloth.
- **Seal** with any ULTRA-FILL® II Sealer, SpectraSeal™, PRIMESHIELD™ 4.6 Epoxy or ULTRA-FILL® HS S28 – 2.8 VOC Urethane Sealer.
- **Sand** all areas to be refinished and featheredge all broken film areas.
- **For preparation of blend panels** see previous page.

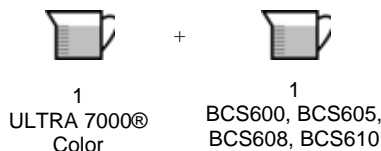
MIXING

- Stir or shake ULTRA 7000® color thoroughly.

Using RHF Stabilizers



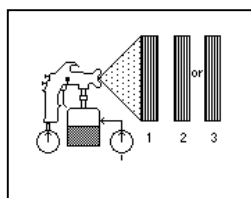
Using BCS 600 series stabilizers



APPLICATION

Basecoat - Conventional

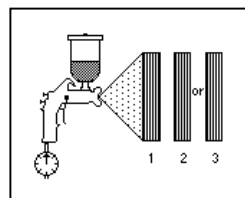
Apply 2-3 medium coats.
Allow each coat to flash until
hand slick before next coat.



45 psi Pot Life: unlimited without hardener
Note: Use a 25 psi low pressure mist (drop) coat to even out metallic/mica colors and for blending.

Basecoat - HVL P

Apply 2-3 medium coats.
Allow each coat to flash until
hand slick before next coat.



7-9 psi @ cap Pot Life: unlimited without hardener
Note: Use a 5 psi low pressure mist (drop) coat to even out metallic/mica colors and for blending.

RECOAT

- Clearcoat ULTRA 7000® color with ULTRA 7000® Clearcoat. See clearcoat data sheet for specific instructions.
- Recoat basecoat colors before 7 days or remove basecoat color.

NOTES

- Basecoat will appear flat when dry.
- Do not use fisheye eliminators in basecoat color, as it will adversely affect the adhesion of the clearcoat.
- Do not sand or solvent clean basecoat colors. (Small areas may be wet sanded to remove dirt.)

PERSONAL PROTECTION

- Read all label directions before use.
- Refer to MSDS for specific information.
- Wear a NIOSH approved organic vapor respirator when mixing and applying.
- Wear a NIOSH approved dust particulate mask when sanding.
- Wear safety glasses, coveralls, respirator and latex gloves when using product.

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