

# PRODUCT HIGHLIGHTS

9491, 9494

## Hydrobase® DTM Primer

### DESCRIPTION:

Signature Series Hydrobase® DTM Primer is a gray, premium grade, 1K waterborne primer surfacer that performs like a 2K product. Hydrobase® provides exceptional flow and leveling along with superior film build and sanding characteristics. This unique, ready to spray formula is fast drying and may also be used as a sealer. Hydrobase® offers excellent adhesion to a wide variety of substrates and can be directly topcoated with: solvent and waterborne basecoats, single stage urethanes, polyurethane enamels, acrylic enamels, synthetic enamels and acrylic lacquers.

### PRODUCTS:

- 9491 Hydrobase DTM Primer, Gallon (3.78 L), 2/case  
9494 Hydrobase DTM Primer, Quart (0.946 L), 6/case



### SURFACE PREP:

Depending on surface, see surface preparation for sanding recommendations.  
Clean with SCAT 6311, Speedi SCAT 6321 or Aqua SCAT 2 1391/1394.



### MIX RATIO:

Ready to Spray



### REDUCER:

Not required. Ready to spray. DO NOT add solvents. If necessary, distilled water may be added at a maximum rate of one ounce per quart.



### HVLP/LVLP:

1.7 - 2.0 mm  
1 - 3 medium wet coats



5 - 10 minute flash  
1.5 - 2.0 mils per coat (dry film thickness)

Please refer to gun manufacturer for proper spray pressure recommendations.



### DRY TO SAND TIMES:

	Relative Humidity	
	50%	75%
60°F (15°C)	2-3 hrs.	2-4 hrs.
70°F (20°C)	1-2 hrs.	1-3 hrs.
85°F (30°C)	1 hrs.	1-2 hrs.
140°F (60°C) (force dry)	30 min.	30 min.

To increase speed of drying, apply cross draft only. Do not apply direct air to panel.

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### SANDING:

DA (Dry): #220, finish #400                      Hand (Wet): #400, finish #600

See next page for more detailed product application. See website for this document in other languages.  
Vea la página siguiente para un uso más detallado del producto. Vea el Web site para este documento en español.  
Voir la prochaine page pour une application plus détaillée de produit. Voir le site Web pour ce document en français.

# PRODUCT DATA

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## Hydrobase® DTM Primer

### SUITABLE SUBSTRATES:

Degreased and sanded existing finishes, steel (including galvanized), aluminum, fiberglass/SMC, body filler, etching or refinish primers, OEM enamel and lacquers.

**Steel:** Finish with 180-220 grit **Aluminum:** Finish with 150-220 grit

**Existing Finishes:** Finish with 220-400 grit



### SURFACE PREPARATION:

Wash surfaces thoroughly with soap and water. Rinse well and dry with a clean, lint free cloth. Clean the surface using Aqua SCAT 2 6311, Speedi SCAT 6321 or SCAT 1391/1394. Wipe dry with a clean cloth. Sand all areas that will be primed with Hydrobase®.

### APPLICATION & MIXING:

Stir thoroughly before use. DO NOT INSTALL AND AGITATE ON A MIXING BANK. DO NOT AGITATE ON A PAINT SHAKER. No reduction is necessary, product is ready to spray.

### AS A PRIMER:

Spray 1-3 medium wet coats.

Allow 5-10 minute flash. Final coat should be allowed to dry 1-2 hours before sanding (based on a shop climate of 70°F (21°C) and 50% relative humidity). Film build should be 1.5 – 2.0 mils per coat, dry film thickness.

### AS A SEALER:

Apply one coat of Hydrobase® and allow 45-60 minutes flash before topcoating. Topcoat without sanding.

### SPRAY GUN SET UP:

GUN TYPE	FLUID TIP	AIR PRESSURE
Siphon HVLP	1.7 - 2.0 mm	10 PSI max. (at aircap)
Gravity HVLP	1.7 - 2.0 mm	10 PSI max. (at aircap)
Gravity LVLP	1.7 - 2.0 mm	8 PSI max. (at aircap)

### TECHNICAL DATA:

APPEARANCE:	Gray
% SOLIDS:	58% by weight
SHELF LIFE:	One year (unopened)
MIX RATIO:	Ready to spray
REDUCER:	Not required. Ready to spray. DO NOT add solvents. If necessary, distilled water may be added at a maximum rate of one ounce per quart.
POT LIFE:	3 hours @ 70°F (21°C) and 50% Relative Humidity in a vented cup; unlimited in a sealed container
FILM BUILD:	1.5 - 2.0 mils per coat
FORCE DRYING:	40 min @ 140°F (60°C)
COVERAGE @ 1 mil:	605 ft <sup>2</sup> /gal

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## Hydrobase® DTM Primer

### REGULATORY:

Category: Primer	Individual Component
VOC Actual	0.87#/gal (104 g/l)
VOC Regulatory	1.62#/gal (195 g/l)
Weight % of Volatiles	41.41
Weight % of Water	33.80
Weight % of Exempt Compounds	0
Volume % of Exempt Compounds	0
Density of Material #/gal	11.45

### TECHNICAL TIPS:

DO NOT AGITATE ON PAINT SHAKER OR MIXING MACHINE.

Hydrobase DTM Primer is temperature sensitive. DO NOT FREEZE. Product must be stored above 41°F (5°C). Do not apply material when temperature is below 60°F (15°C). Exposure to excessively cold temperatures may cause material to thicken.

### TOPCOATING:

Follow topcoat manufacturer's instructions for proper topcoat procedures. Sealing is not required. If wet sanded, wipe primer dry and allow 30 minutes dry time @ 70°F (21°C) and 50% relative humidity before topcoating.

### PERFORMANCE ADDITIVES

6417 Kicker – Do not use.

6737 Fisheye Remover – Do not use.

9194 Universal Urethane Flex Additive – Do not use.

### ADVANTAGES:

- Excellent corrosion resistance when applied directly to metal
- Fast dry to sand times
- Ready-to-spray formula - no reduction required
- Excellent adhesion to a wide variety of substrates
- May be used as a sealer
- Compliant with all major brands of solvent and waterborne basecoats and clearcoats
- Low odor & overspray
- Easy to sand wet or dry
- High fill & build characteristics
- Waterborne formula - compliant across North America

### COMPETITION:

Glasurit 176-71

PPG DPW1847

Sherwin Williams W7B2265/DPW845

DuPont 210S