

PRODUCT HIGHLIGHTS

7001

Hydrobase® V•2 Waterborne Acrylic Urethane Primer Surfacer

DESCRIPTION:

Finish-Tec® Hydrobase® V•2 is a premium grade one component primer surfacer that provides outstanding fill, flow without sag, fast-drying and offers excellent adhesion to a wide variety of substrates. It can be directly topcoated with: solvent and water based basecoats and clearcoats, single stage urethanes, polyurethane enamels, synthetic and acrylic lacquers.

PRODUCTS:

7001 Hydrobase® V•2 Waterborne Acrylic Urethane Primer Surfacer, Gallon (3.78 L), 4/case



SURFACE PREP:

Depending on surface, see surface preparation for sanding recommendations. Clean with SCAT (TDS222), Speedi SCAT (TDS223) or Aqua SCAT (TDS225).



MIX RATIO:

Not needed - Ready to Spray



REDUCER:

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



HVLP/LVLP:

1.6 - 1.8 mm
1 - 3 medium wet coats



5 - 15 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:

70°F (21°C), <50% Humidity	70°F (21°C), 70-80% Humidity
1 - 2 hours	2 - 4 hours
Force Dry: 40 minutes @ 140°F (60°C)	



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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SUITABLE SUBSTRATES:

Steel	Body Filler	Refinish Primers	
Galvanized Steel	Etching Primers	Refinish Lacquers	OEM Lacquers
Aluminum	Fiber Glass/SMC	OEM Enamels	

Note: To avoid cracking, DO NOT spray Hydrobase V2 wet on wet over solvent based primers.



SURFACE PREPARATION:

Wash surfaces thoroughly with soap and water. Rinse well and wipe dry with clean cloth. Solvent clean with SCAT (TDS222), Speedi SCAT (TDS223) or Aqua SCAT 2 (TDS225) and wipe dry with a clean cloth. Sand repair area with 80 grit followed by 180 grit sandpaper to feather edge all broken film areas.

APPLICATION & MIXING:

Ready to Spray. Stir thoroughly before use. No reduction is required. Spray 1 - 3 medium wet coats. Allow to flash dull between coats (5 - 15 minutes depending upon shop temperature, humidity and air movement). Final coat should be allowed to dry 1-2 hours before sanding) based on a shop conditions of 70°F (21° C) and 50% R.H.). Force dry 40 minutes @ 140°F (60°C) or 5 - 10 minutes under infrared lights before sanding.

SPRAY GUN SET UP:

GUN TYPE	FLUID TIP	AIR PRESSURE	FLUID PRESSURE
Siphon Feed	1.4 - 1.8 mm	40 - 50 PSI (at gun)	n/a
Gravity Feed	1.4 - 1.8 mm	35 - 45 PSI (at gun)	n/a
Pressure Feed	1.0 - 1.2 mm	40 - 50 PSI (at gun)	10 - 14 PSI
HVLP/LVLP	1.6 - 1.8 mm	10 PSI max. (at aircap)	n/a

TOPCOATING:

Follow topcoat manufacturers instructions for proper sanding and application techniques. Sealing is optional (see next page for recommendation). If wet sanded, allow 30 minutes dry time (@ 70°F (21°C) and 50% relative humidity) before topcoating.

SUITABLE TOPCOATS:

Basecoat/clearcoat (water and solvent). Single stages (enamel, urethane and polyurethane).

NOTE: HydrobaseV•2® should not be mixed with other primer surfacers. Keep container closed when not in use. Do not transfer contents to other containers for storage. **DO NOT FREEZE.**

FOR USE AS A SEALER:

Hydrobase V•2® can be applied in one coat and flashed until dull, topcoat without sanding. Allow 45 - 60 minutes flash.

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TECHNICAL DATA:

APPEARANCE:	Gray
% SOLIDS:	54% by weight, 37% by volume
WEIGHT PER GALLON:	11.38#/gallon
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 max. rate of one ounce per quart.
POT LIFE:	3 hours @ 70°F (21°C) and 50% Relative Humidity
FILM BUILD:	1 - 3 mils per coat
FORCE DRYING:	40 min @ 140°F (60°C)
COVERAGE @ 1 mil:	590 ft ² /gal

REGULATORY:

	Individual Component
VOC Actual	0.84#/gal (100g/l)
VOC Regulatory	1.56#/gal (187g/l)
Weight % of Volatiles	7.29
Weight % of Water	33.7
Weight % of Exempt Compounds	0
Volume % of Exempt Compounds	0
Density of Material	11.47

ADVANTAGES:

- Excellent corrosion resistance when applied directly to metal.
- Fast dry to sand times
- Excellent adhesion to a wide variety of substrates
- Low odor & V.O.C.
- Easy to sand wet or dry
- High fill & build characteristics
- Excellent hold-out and solvent resistant properties
- Low overspray

COMPETITION:

Glasurit 76-71	PPG DPW1847
Sherwin Williams W7A2250	Matrix MPH20
Montana PSW85	Nason 470-04

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