

DIRECT PRIME is a 2.1 VOC two-component urethane primer surfacer designed for overall repair and refinish work over a variety of bare metal substrates including steel, galvanized steel and aluminum, as well as factory-finishes, body filler, fiberglass and more.

Developed for excellent adhesion and sandability, this primer system also provides outstanding corrosion resistance. DIRECT PRIME dries with no waxy skin to break through, so it sands easily wet or dry.

- ◆ 2.1 VOC formula is compliant in all areas of all states
- ◆ Superior Direct to Metal (DTM) adhesion
- ◆ High building with good fill properties
- ◆ Sands easily
- ◆ Exceptional flexibility
- ◆ Exceptional value

COATING TYPE:

2K Urethane Primer Surfacer

PRODUCT CODES:

UP742 (Gray)

ACTIVATOR:

UPC74

WEIGHT PER GALLON:

12.5 gallons

PACKAGE MEASURE:

1 US Gallon / 128 fl. oz. / 3.785 Liters

RTS VOC:

Will not exceed 2.1 lbs/gallon

SUITABLE SUBSTRATES (properly prepped):

Steel
Galvanized steel
Aluminum
OE Finishes
Factory E-Coat
Body Filler
Fiberglass



SURFACE PREP

DIRECT PRIME is a versatile DTM urethane primer surfacer that may be applied over a variety of substrates.

For bare metal:

Remove all traces of wax, grease, silicone, oil and other contaminants with detergent wash, followed with a solvent wash (such as Kirker's 650 Wax & Grease Remover). Abrade substrate with 180 grit, then re-clean with final wash cleaner (such as Kirker's 600 Surface Wash).

An acid wash pre-treatment (such as Kirker's 6860 DTM Prep) will further enhance adhesion over bare metal. This acid etching solution should be applied one section at a time with a clean cloth, then wiped down with another clean, dry cloth. Follow directions for use on DTM Prep label.

For factory finishes:

Remove all traces of wax, grease, silicone, oil and other contaminants with detergent wash, followed with a solvent wash (such as Kirker's 650 Wax & Grease Remover). Abrade substrate with 320 - 400 grit, then re-clean with final wash cleaner (such as Kirker's 600 Surface Wash).

Be sure to mask all adjacent panels to prevent dry overspray.

DIRECT PRIME DTM 2K URETHANE PRIMER SURFACER

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MIXING

Mix ratio: 4:1 by volume. Thoroughly mix four (4) parts DIRECT PRIME (UP742) with one (1) part DIRECT PRIME ACTIVATOR (UPC74).

TO MIX	15 oz	25 oz	35 oz
PRIMER	12 oz	20 oz	28 oz
ACTIVATOR	3 oz	5 oz	7 oz

No additional reduction is required, though reducing the 4:1 mix may improve sprayability and will decrease the total film build, which is desirable in situations where a sealer is called for. For maximum build properties, do not add any reducer.

DIRECT PRIME may be reduced with any of Kirker's ULTRA-GLO Urethane-Grade Reducers or BLACK DIAMOND Low-VOC Reducers (choose from the list below depending on the anticipated shop temperature at the time of application).

BELOW 70°	70-80°	80-90°	ABOVE 90°
FAST	MEDIUM	SLOW	SUPER SLOW
UR-9065	UR-9075	UR-9085	UR-9095
UR-8065	UR-8075	UR-8085	UR-8095
LVR-565	LVR-575	LVR-585	LVR-595

TINTING

DIRECT PRIME may be tinted to improve topcoat hiding and color holdout by adding up to four ounces of activated ULTRA-GLO single-stage Urethane Topcoat or BLACK DIAMOND Low-VOC Urethane Topcoat, to each gallon of ready-to-spray primer (or up to one ounce of paint per ready-to-spray quart of primer).

Be sure to properly mix both primer and paint with their correct activators, at the correct ratios before blending the two together.

Please note: This tint ratio will not yield a different color primer, though it will help sway the primer toward a shade closer to your topcoat color choice, which will help to provide better topcoat coverage. For best results, use a solid masstone color to tint primer.

POT LIFE

Approximately two hours at 70°F.

Mix only as much material as is needed to complete the immediate job.

GUN SETTINGS

GUN TYPE	TIP SIZE	AIR PRESSURE
Conventional Siphon	1.4-1.8 mm	40-50 psi
Conventional Gravity	1.4-1.6 mm	40-50 psi
HVLP	1.2-1.6 mm	8-10 psi

Always refer to gun manufacturer's recommendations for additional details on suggested tip size, air pressure and other adjustments.

APPLICATION

Apply two (2) medium wet coats to achieve desired film build, allowing 15 minutes flash time between coats. A total dry film build of 2 mils is recommended. Additional coat(s) may be applied after sanding primer smooth if necessary to continue building surface.

DRY TIMES / RECOAT

Allow a minimum of 30 minutes for DIRECT PRIME to dry before topcoating.

After sufficient flash, DIRECT PRIME may be topcoated for up to 18 hours with no sanding required. After 18 hours, scuff sand primer surfacer before topcoat application to ensure sufficient adhesion.

DIRECT PRIME should dry dust free within 10 minutes and may be wet sanded after approximately 2-4 hours. Wait 3-4 hours before attempting to sand dry.

ULTRA-GLO Urethane Topcoat, BLACK DIAMOND Low-VOC Urethane Basecoat and ACRYL-GLO Acrylic Enamel Topcoats may be applied directly over DIRECT PRIME in a "wet on wet" application after sufficient flash time has passed.

Air-dry times may vary slightly depending on shop temperatures, airflow and total film thickness. All dry times listed are approximate, at 70-75°F.

CLEANUP

Close all containers tightly after each use. Clean gun and spray equipment with Kirker's VOC Compliant Gun Wash (670) or other appropriate solvent products immediately after application to prevent damage.

HEALTH / SAFETY

THIS PRODUCT IS INTENDED FOR USE BY PROFESSIONALS ONLY. READ ALL WARNINGS ON ALL LABELS BEFORE USING.

This product is designed to be mixed with other components. Mixture will have hazards of all components. Before opening the packages, read all warning labels. Follow all precautions. See Safety Data Sheet for additional health and safety information.

WARRANTY

All recommendations for the use of Kirker products are based on tests and experience believed to be reliable. Since the methods of use, conditions of application, and the application itself are beyond our control, product warranty is restricted to replacement of material only. No other warranty, written or oral, is expressed or implied.

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