



# Tech Data Sheet

## XL31XX

### DTM Primer Surfacer

<p><b>PRODUCTS</b></p> <p>XL3100      Gray DTM Primer Surfacer          XL3120      Black DTM Primer Surfacer          XL3130      White DTM Primer Surfacer</p>	
<p><b>FEATURES</b></p> <p>XL DTM Primer Surfacer is a two-component acrylic urethane primer surfacer formulated to be applied as a high build sanding primer, or a final non-sanding primer-sealer.</p>	
<p><b>DESCRIPTION</b></p> <p>XL DTM Primer Surfacer offers fast dry, excellent adhesion, easy sanding and superior color holdout. XL DTM Primer Surfacer does not shrink and can be tinted with basecoat tints.</p>	<p><b>RECOMMENDED USES</b></p> <p>For use as an undercoat for Acrylic and polyurethane topcoat. Acrylic basecoat/ clearcoat finishes. Acrylic or synthetic enamel finishes.</p>
<p><b>PHYSICAL PROPERTIES</b></p> <p>GENERIC TYPE    Acrylic Urethane          COLOR            Black, White or Gray          GLOSS            Matte          SOLID CONTENT    58% by weight                                40% by volume          VISCOSITY        74 +/- 2 KU unmixed          VISCOSITY @ GUN 20-30 #2 Zahn          SHELF LIFE        Three years          FLASH POINT      80°F          MIXED VOC        4.4 / 4.5 / 4.7          COVERAGE        600 sq.ft. per gal. at 1mil                                (theoretical coverage)          THICKNESS        Recommended 2.5mil DFT          DRY TIME:          DUST FREE        15-20 / 10-15 / 5-15 min.          TACK FREE        25-30 / 15-20 / 15-20 min.          TO TOPCOAT       60 / 45-60 / 30 min.          POT LIFE           60-90 min.</p>	<p><b>SURFACE PREPARATION</b></p> <p>Wash surfaces with a mild detergent and hot water. Rinse with clean water and wipe dry. Solvent clean with a quality wax &amp; grease remover. Wipe dry with a clean cloth. Sand original paint and repair damaged areas with a good quality non-staining body filler. For spot repairs, scuff sand area where primer will be applied. For overall refinishing, scuff sand the entire car with 320 grit sandpaper or fine scuff pad.</p>
<p><b>RECOATING</b></p> <p>Dry times are based on recommended film thickness and are dependent on ambient temperature. Excessive film thickness, low temperature and poor air movement will retard dry times.</p>	<p><b>MIXING INSTRUCTIONS</b></p> <p><b>High Build</b></p> <p>4 Parts Primer XL31XX          1 Part Activator XL311          5-10% Reducer</p> <p><b>Medium Build</b></p> <p>4 Parts Primer XL31XX          1 Part Activator XL311          15-20% Reducer</p> <p><b>Sealer</b></p> <p>4 Parts Primer XL31XX          1 Part Activator XL311          1 Part Reducer</p>
<p><b>EQUIPMENT</b></p> <p>The following equipment has been found suitable; however, equivalent equipment may be substituted.          Air Spray: 1.3 -1.7 needle, Conventional or HVLP          30 - 45 PSI</p>	
<p><b>APPLICATION</b></p> <p>Apply even wet coats allowing 15 minutes flash between coats. Finish sand with 320 grit or finer wet or dry paper following paint manufacturers recommendations. Initial sanding can be done with 180-220 grit paper. For large bare metal areas apply a self-etching primer, XL31XX can be applied directly to clean and dry bare metal cut through areas. To reduce the sanding time, or for faster cure in colder conditions, universal cure accelerator can be used. <b>Caution:</b> Addition of cure accelerator can significantly reduce pot life.</p>	
<p><b>CLEAN UP</b></p> <p>Clean all equipment immediately after use with Urethane Grade Reducer or lacquer thinner.</p>	
<p><b>CAUTIONS</b></p> <p>CONTENTS ARE FLAMMABLE LIQUID Vapors may cause flash fires. Keep away from heat, sparks, and open flame. During use and until all vapors are gone. Keep area ventilated - Do not smoke - Extinguish all flames, pilot lights, and heaters - Turn off stoves, electric tools and appliances, and any other sources of ignition. VAPOR HARMFUL Use only with adequate ventilation. Wear an appropriate properly fitted vapor/particle respirator (NIOSH/OSHA approved) during and after application. Follow respirator manufacturer's directions for respirator use. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage. FIRST AID: IF INHALED: If affected, remove from exposure. Restore breathing, keep warm and quiet. IF ON SKIN: Wash affected area thoroughly with soap and water. Remove contaminated clothing. Launder before re-use. IF IN EYES: Flush eyes with large amounts of water for 15 min. Get medical attention. IF SWALLOWED: Get medical attention immediately. SPILL AND WASTE: Remove all sources of ignition. Ventilate and remove with inert absorbent. Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State and Local regulation regarding pollution. DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE: Contains solvents which can cause permanent brain damage and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. DO NOT TAKE INTERNALLY - KEEP OUT OF REACH OF CHILDREN</p>	
<p><b>WARRANTY</b></p> <p>The manufacturer guarantees the standard quality of this product and its adherence to our specifications. However, as the use of this product is beyond our control, we expressly disclaim responsibility for its handling, storage, use, results obtained or any injury or special indirect or consequential damage of any nature whatsoever.</p>	