

Polyurethane

Product Features

- Easy to Apply (Including Metallics)
- Superior flow and leveling
- Excellent adhesion to properly prepared substrates

- Chip Resistant
- Mar and Abrasion Repellant
- Outstanding Flexibility and Durability

Surface Preparation

- Thoroughly wash vehicle with soap and water
- Wipe with wax and grease remover
- Sand area as necessary to remove rust and corrosion by products
- Primer options:
 - Thor 2K Epoxy Systems
 - MINI-MIX 2K Úrethane Systems
 - MINI-MIX 2K NISO Systems
- Block primed body work with 400 grit or finer wet or dry sandpaper
- Cleanse area to be painted with wax and grease remover
- Reseal vehicle with Mini-Mix color seal system
- Blow off and tack vehicle before painting

Recommended Application

- Adjust HVLP air pressure to 30 psi at the gun
- Fluid tip; 1.2 1.4 mm
- Apply 2 wet coats polyurethane
- Allow 20 30 minutes flash time between color coats
- Allow vehicle to dry overnight before exposing to weather or finessing

Mixing Instructions

- 3 Parts by Volume color Part A
- 1 Part by Volume catalyst Part B
- RTS: 3:1:1 with Quality Polyurethane Reducer

Dry Times @75°F

- Dust free: 30 40 minutes
- Tack free: 3 4 minutes
- Tape: 6 8 hours
- Delivery: overnight
- Recoat: No recoat window.

Note: Vehicle must be scuff sanded before next polyurethane color application after 72 hrs

Product Specifications

Gloss (Metallics) 85-90%

Gloss (Solid) 90-95 %

Viscosity RTS: 20 - 22 sec Zahn #2

Solvent Resistance Excellent

Humidity Resistance Excellent

Repairability

Excellent

% Solids By Volume 38 - 40%

% Solids By Weight 40 - 42%

Pot Life 4-6 hours

Theoretical Dry Film Thickness 592 sq/ ft. @ 1 mil

VOC

Polyurethane Color: VOC.: < 580 g/l (4.83 #/gal) RTS Polyurethane: VOC.: < 610g/l (5.08 #/gal) Thisproduct may require several components and must be mixed properly to comply with V.O.C. regulations. This product is not recommended as part of amulti-coat system if the V.O.C. exceeds local, state or federal regulations.

Technical Tips

- 0.4 fluid ounces (5 grams) of MMUC-211 Polyurethane Accelerator per gallon may be used to speed cure response
- 0.8 fluid ounces (10 grams) MMUC-211 Polyurethane Accelerator per gallon may be used to speed up cure response for application below 70°F
- Polyurethane system may be converted to a DTM application using MINI-MIX MMR Direct to Metal Reducers.
- Mix Polyurethane 8:1 parts by volume with SPC 0010 Bullfrog Adhesion promoter for use over most composites.

Product Safety Data

• Consult safety data sheet (SDS)