



MAV PS-612

Urethane Primer Surfer

Maverick Refinish, Inc.
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Description:

MAV PS-612 is a High Solids Urethane Primer Surfer. It is an ideal option for OEM applications, fleet refinish, marine and other similar industrial applications. MAV PS-612 provides for high quality, rapid sanding around and excellent filling properties for covering sand scratches and other defects without pulling. MAV PS-612 offers excellent adhesion, durability against harsh chemicals, superior chip resistance and color hold out protection.

Advantages:

- Long-term color and gloss retention using Maverick Refinish finish coats.
- Application of multiple coats back to back without runs
- Excellent filling properties with fewer coats.
- Superior adhesion and flexibility.
- Fast dry and sanding times.

Uses:

- Vehicles
- OEM Machinery & Equipment
- Truck and Trailer Refinish
- Containers
- Implements
- Marine Applications

Material Properties

Gloss Level	Low Gloss
Density	61.8 lbs./gal (Primer Only)
Volume Solids	47.3 % (Mixed 4:1)
VOC	2.8 lbs./gal (338 grams/ltr)
Dry Film Thickness	2.0-4.0 mils
Colors Available	Grey / Black
Pot Life (68°F/20°C)	1-3 Hours @70°F depending on reduction and reducer used
Theoretical Coverage	376 sq.ft./gal.@ 2.0 mils DFT
Practical Coverage	As a guideline for spraying on large dimensions: 70% theoretical coverage, for small dimensions: 50%

Surface Preparation:

New or Unfinished Surfaces:

Ferrous Metal : "NOT RECOMMENDED"

Non Ferrous Metal: Clean surface with solvent or water based cleaner. Sand entire surface with 320 grit, or 220 grit sandpaper and blow off all dust and clean surface with both solvent based cleaner and water based cleaner. Lightly wipe down with tack rag.

Galvanized Metal: Clean all contamination by scrubbing with a cleaning soap solution. Rinse clean with water and allow to dry.

Aluminum: Brush blast, sand or abrade surface. Clean all contamination by scrubbing with a cleaning soap solution. Rinse clean with water and allow it to dry. Otherwise, prime with a Wash Primer or etch with a phosphoric acid pretreatment solution is recommended for maximum adhesion.

Stainless: Brush Blast, Sand or Abrade Surface prior to priming.

Previously Painted Surfaces: Repair all damaged areas. Remove gloss from previous paint by sanding or "Brush Blasting" (SSPC-SP7) Remove any rust, heavy chalk and loose or peeling paint by "Hand or Power Tool Cleaning." (SSPC-SP2or -SP3).

If doubt exists concerning compatibility of this coating with the previous system, apply coating to a representative area (25 square feet minimum) and allow to cure and age several weeks. Then inspect for adhesion failure, wrinkling, lifting, blistering or any or any other sign of incompatibility. If there are no issues, coating work can proceed.

Mixing Instructions: 4 parts MAV PS-612 to 1 part MAV PSA-613 allow 10-15 minutes flash time between coats. May be reduced 5-10% as needed. It should be reduced 15-20% when used as a sealer.

MAV PS-612

Urethane Primer Surfacer

Application Instructions

Spray Method	Airless	Air Assisted Airless	Air Spray / HVLP
Thinner	Not Recommended	SZ680, SZ670, SZ660	SZ680, SZ670, SZ660
Quantity	Not Recommended	5%	5%-20% as needed
Nozzle or Tip Size	Not Recommended	0.010 to 0.015	1.2 to 1.8
Fluid Pressure	Not Recommended	800 to 1300 PSI	20-40 PSI
Air Pressure	Not Recommended	35 PSI	30-60 PSI
Dry Film Thickness	Not Recommended	2.0-4.0 Mils	2.0 to 4.0 Mils

Apply 1-3 medium wet coats at a gun distance of 6 – 8 inches as needed to fill voids and block sand with 180 to 280 grit treated sandpaper. Allow 10 to 20 minutes flash time between coats. Recoat times will vary with temperature, air movement and film thickness. Insufficient flash time will promote slow hardness development of the topcoat system. Finish sand repaired area with 320 grit sandpaper using a DA Sander or hand sand.

Dry Times: 70°F @ 2-4 mils DFT

Flash Off Between Coats	10-15 Minutes
Dust Free:	15 -20 Minutes
Tack Free or to Sand:	25-35 Minutes
To Topcoat:	45-60 Minutes

Performance Characteristics

Impact (Direct & Indirect) : ASTM D-2794	60 lbs / 40lbs
Chemical Resistance:	
Flexibility: Conical Mandrel : ASTM 522	No cracking .25"
Adhesion (Cross Hatch) : ASTM D 3359	5B
Salt Spray Corrosion : ASTM B 117	1000 Hrs

Cleaning Instructions:

Cleaning tools: Clean immediately after application using cleaners acceptable for your area.

Health & Environmental:

In accordance with OSHA regulations on hazardous materials, harmful and irritating if in contact with skin, eyes and by inhalation. Observe safety information from MSDS sheets. Always wear proper protective suits, gloves and eye protection. In case of eye contact, immediately wash with large amounts of water and contact a medical expert. If spraying, always wear proper NIOSH approved respirators. Fresh air fed respirators are preferred. Do not eat, drink or smoke during application. Discharge, treatment or disposal is subject to federal, state, commonwealth, provincial and local laws. Since empty containers retain product residue, follow label warnings even after container is emptied. Residual vapors may explode on ignition; do not cut, drill, grind or weld on or near this container.

Warranty / Disclaimer:

The technical data and other printed information furnished are true and accurate to the best of our knowledge. The products are warranted pursuant to acceptance of limited warranty. A copy of which can be obtained from Maverick Refinish, Inc., which is the exclusive warranty with respect to the sale of this product. The modification of any component or uses not outlined in this bulletin nullifies the warranty unless advance written confirmation is obtained from Maverick Refinishing, Inc.. No other warranties expressed or implied shall apply. We assume no responsibility for coverage, performance or injuries resulting from use. Liability, if any, shall be to supply replacement materials as set forth in the limited warranty.



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