



MAVSEAL UPA

PRODUCT DESCRIPTION

Maverick MAVSEAL UPA is a two-component, high performance, aliphatic polyaspartic floor coating designed for application up to 16 mils thick in a single pass over full broadcast systems. It provides superior protection through its excellent adhesion, durability, and resistance to stains, chemicals, and damaging UV rays. It can be used in both interior and exterior applications. XTRA Slow, Slow, Medium, and Fast cure options allow more flexibility to adapt to different temperature and humidity needs in various markets.

MavSeal UPA XTRA Slow Cure has extended working time for extremely hot and/or humid environments.

MavSeal UPA Slow Cure has longer working time. It is an excellent choice for applicators with less experience or installations that may require more work time.

MavSeal UPA Fast Cure is a polyaspartic with reduced work and cure times for experienced installers with large crews and jobs that need to be turned quickly.

FEATURES & BENEFITS

- Easy-to-Clean, High Gloss Finish
- Resists Abrasion and Scratches
- Superior Chemical Resistance
- UV Stable
- User-Friendly Polyaspartic, 1:1 Mix Ratio
- Fast Return-to-Service
- High Solids, Low Odor
- LEED Compliant

RECOMMENDED USES

- Restaurants, Bars & Cafeterias
- Sports Arenas/ Stadiums
- Schools & Universities
- Corridors & Lobbies
- Kennels & Labs
- Locker Rooms / Restrooms
- Garages & Auto Service Areas
- Offices & General Rooms
- Exterior or Areas Exposed to UV
- Topcoat for Floors Broadcast to Refusal or Other Floor Systems

PRODUCT INFORMATION

PRODUCT NAME	SIZE	COLOR/FINISH	ITEM NUMBER
MavSeal UPA XTRA Slow Cure Kit	2-Gallon	Clear / Gloss	40010980
MavSeal UPA Slow Cure Kit	2-Gallon	Clear / Gloss	40008918
MavSeal UPA Medium Cure Kit	2-Gallon	Clear / Gloss	40009038
MavSeal UPA Fast Cure Kit	2-Gallon	Clear / Gloss	40008925
MavSeal UPA Activator	5-Gallon	Clear	40008956
MavSeal UPA XTRA Slow Cure Base	5-Gallon	Clear	40010997
MavSeal UPA Slow Cure Base	5-Gallon	Clear	40008932
MavSeal UPA Medium Cure Base	5-Gallon	Clear	40009045
MavSeal UPA Fast Cure Base	5-Gallon	Clear	40008949

TECHNICAL DATA

PHYSICAL DATA	
Components	2 (Base & Activator)
Mix Ratio (by volume)	1: 1
Curing Mechanism	Chemical reaction between components
Solids by Volume/Weight	90 - 93%
Mixed Viscosity	300 cP
VOC (EPA Method 24)	< 50 g/L

THEORETICAL COVERAGE		
Wet Mil (microns)	10 (250) - min.	30 (762) - max.
Coverage sq. ft./gal. (m ² /L)	160 (4.1) - min.	53 (1.3) - max.

TECHNICAL DATA - CURE TIMES

PRODUCT NAME	MIXED VISCOSITY (CP)	72F, 20% R.H.		72F, 80% R.H.		FOOT TRAFFIC	HEAVY TRAFFIC
		WORKING TIME	TACK-FREE TIME	WORKING TIME	TACK-FREE TIME		
Maverick Polyaspartic XTR Slow	300	2 hours	10.5 hours	70 min	6.5 hours	30 - 34 hours	5 days
Maverick Polyaspartic Slow	300	70 min	6.5 hours	28 min	3.75 hours	17 - 20 hours	72 hours
Maverick Polyaspartic Medium	300	32 min	3.5 hours	17 min	90 min	10 - 12 hours	48 hours
Maverick Polyaspartic Fast	300	25 min	110 min	14 min	40 min	4 - 6 hours	48 hours

Higher temperatures and humidity will shorten pot-life and working time. You can dip & roll to apply the material to almost double the work time. If applying a second coat, it must be applied as soon as the first is tack free.

PHYSICAL PERFORMANCE PROPERTIES

PHYSICAL PROPERTIES	TEST METHOD	RESULTS
Coefficient of Friction (Wet DCOF)	ANSI A326.3	.63 (14 mils over full flake)
Elongation	ASTM D2370	5 - 10%
Flammability	—	Self-extinguishing over concrete
Flexibility 1/8" Mandrel	ASTM D522	Passes; No Cracking
Hardness, Shore D (24 hours, 5 days)	ASTM D2240	70, 86
Taber Abrasion (CS-17 Wheel, 1000 g Load, 1000 Cycles)	ASTM D4060	30 mg loss
Tensile Strength	ASTM D2370	4,000 psi
Gloss @ 60° Angle	ASTM D523	92 - 95
UV Resistance (Gloss after 1000 hours, in QUV)	ASTM G154	87 - 89

CHEMICAL RESISTANCE

CHEMICAL	RESULTS	CHEMICAL	RESULTS	CHEMICAL	RESULTS
10% Acetic Acid	G	Methyl Ethyl Ketone	E	Betadine	E
Vinegar	G	Xylene	E	Bleach	E
10% Citric Acid	G	Ethylene Glycol	E	Urine	E
10% Hydrochloric Acid	G	Isopropyl Alcohol	E	Coffee	E
30% Hydrochloric Acid (muriatic)	G	Mineral Spirits	F	Cola	E
10% Nitric Acid	NR	Brake Fluid	E	Ketchup	E
50% Phosphoric Acid	F	Transmission Fluid	E	Mustard	G*
10% Sulfuric Acid	F	Motor Oil	E	Red Wine	E
37% Sulfuric Acid	F	50: 1 Gas/Oil Mixture	E	*Stain is only defect.	
70% Sulfuric Acid	F	E85 Gasoline	E	KEY	
20% Ammonium Nitrate	E	E95 Gasoline	E	E = Excellent	G = Good
20% Sodium Chloride	E	Unleaded Gasoline	E	F = Fair	NR = Not Recommend
50% Sodium Hydroxide	G	Skydrol	E		

Chemical resistance was tested on fully cured material (after 5 days minimum).

SURFACE PREPARATION

Concrete and coated concrete surfaces must be sound, clean, dry and free of contaminants such as dirt, dust, grease, oil, silicones and other contaminants that may negatively affect adhesion.

MOISTURE VAPOR BARRIER:

A suitable moisture barrier must be in place for concrete slabs on-grade. If a moisture barrier is not in place, seasonal variations in ground moisture can cause excessive moisture vapor transmission (MVT) regardless of results measured prior to coating application. MVT rate must not exceed three pounds per 1,000 square feet per 24 hours, as directed by ASTM F1869. The relative humidity (RH) of the slab must not exceed 75%, as directed by ASTM F2170. If there is a moisture situation in excess of the above rate, the use of Maverick MVB Moisture Vapor Barrier Primer may be required. Consult a Maverick Representative for details and application procedures.

SAFETY AND TECHNICAL

Refer to the SDS sheet before use. Safety precautions must be strictly followed during storage, handling, and use. To acquire additional information or technical and safety data, please visit: www.Maverick.com

TEMPERATURE

Air	35° – 85°F	2° – 29°C
Surface	35° – 85°F	2° – 29°C
Material	60° – 85°F	16° – 29°C

Higher temperatures and humidity will shorten pot-life and working time. MavSeal UPA applications below 60°F, must use the Fast Cure version.

MIXING

1 Parts Base to 1 Part Activator by volume. Mix with low speed drill and Jiffy blade for three minutes until uniform. Do not mix more material than can be applied within the work times on page 2 (material will stiffen or tack-up).

APPLICATION EQUIPMENT

Squeegee—Flat or notched rubber squeegee (depending upon DFT required) with EPDM rubber blade, available from Maverick and other manufacturers of quality application tools such as Midwest Rake Company.

Rollers—Use a 3/8" shed-resistant woven roller cover with phenolic core for back-rolling, available from Maverick and other manufacturers of quality application tools such as Wooster Brush Company.

APPLICATION PROCEDURE

1. Apply at a spread rate of 100 – 160 sq. ft. per gal. to yield 10 – 16 wet film thickness using a squeegee and back-roll with a non-shedding 3/8" nap roller.
2. In hot or humid conditions, apply via 18" roller in a dip and roll method from a roller pan as increased heat and humidity will decrease the working time of the material.
3. This material will cure faster with exposure to moisture in the air.
4. To avoid visible differences in texture or mix-to-mix "tie-ins" do not exceed 5 – 10 minutes from one mix to another.
5. Use joints as natural breaks to divide sections of the floor.
6. If less texture is desired for a broadcasted floor, apply a second coating of 6 – 8 mils (no more than 200 sq. ft. per gal.) on top of the previous coat as soon as it is tack free.

Applying thicker than recommended, allowing material to pool, or rolling into late may leave a white, hazy appearance.

CLEAN UP & DISPOSAL

Clean up mixing and application equipment immediately after use. Use toluene, acetone or xylene; do not use alcohol. Follow solvent manufacturer's safety instructions. Be sure to follow all local, state and federal regulations when disposing of materials.

MAINTENANCE

To maintain the appearance and extend the life of the newly sealed surface, it is imperative to have a routine maintenance program. Dirt and debris that is tracked over a finished floor will quickly scratch and dull the surface. Place walk-off mats at entrances. Sweep and mop/scrub floors regularly using soft bristles/pads and a mild cleaner. Some cleaning products and equipment or improper use of these can damage a surface. Remove spills quickly to minimize damage and/or stains. Reapplication may be necessary in heavy traffic areas.



MAVSEAL UPA

LIMITATIONS

- ⚠ Do not apply as a topcoat for a smooth floor coating system. Designed to be used over full broadcast systems (Decorative Chip, quartz, or silica sand) only.
- ⚠ Do not apply at a temperature not recommended. For cool applications, use Fast Cure polyaspartic.
- ⚠ Do not apply over loose or unsound concrete, asphalt or bitumen substrates, glazed tile or nonporous brick and tile, magnesite, copper, metal, polyesters, or elastomeric membranes.
- ⚠ Moving joints and shrinkage cracks may reflect through system. Joints that are designed to move may reflect through the finished flooring system if they are not honored.
- ⚠ Applying thicker than recommended, allowing material to pool, or rolling into late may leave a white, hazy appearance.
- ⚠ Tire marking may occur.

SHELF LIFE AND STORAGE

12 months from date of manufacture when stored indoors in the original unopened container at 60°F – 85°F (16°C – 29°C) in a dry location with humidity below 65%

- ⚠ Do not allow materials to freeze.

TECHNICAL ASSISTANCE



Information is available by calling Maverick
313-889-2526

LIMITED WARRANTY

Maverick warrants this product to be free from defect in the material that affects its performance for a period of one year (from date of purchase). Maverick will replace at no charge the quantity of the Coating that Maverick determines has failed to perform, as the sole and exclusive remedy for any breach of this warranty and/or any other defect or failure of the coating. Proof of purchase is required. Cost of labor for application of any product specifically is excluded. Warranty is void if Maverick products are mixed with or used in conjunction with materials that are substituted for Maverick products. Warranty is nontransferable.



CORPORATE OFFICE:

Maverick Performance Solutions
23460 Industrial Park Dr,
Farmington Hills, MI 48335
313-889-2526

PRODUCT DATA SHEET: 02/04/2026

Disclaimer: All information provided by Maverick, Inc. concerning Maverick products, including but not limited to, any recommendations and advice relating to the application and use of Maverick products, is given in good faith based on Maverick's current experience and knowledge of its products when properly stored, handled, and applied under normal conditions in accordance with Maverick's instructions. In practice, the differences in materials, substrates, storage and handling conditions, actual conditions and other factors outside of Maverick's control are such that Maverick assumes no liability for the provision of such information, advice, recommendations or instructions related to its products. The uses of Maverick product(s) for suitability for the intended application and purpose before proceeding with the full application of the product(s).