

MP-2K

QUICK SAND 2K URETHANE PRIMER/SURFACER

Technical Data Sheet

Technical Hotline 800.735.0303

PRODUCT NUMBER

MP-2K
MP-2KGR

DESCRIPTION

QUICK SAND URETHANE PRIMER/SURFACER-BUFF
QUICK SAND URETHANE PRIMER/SURFACER-GREY

ACTIVATOR

MA-2K

DESCRIPTION

2K PRIMER/SURFACER ACTIVATOR

REDUCERS

NOT RECOMMENDED

DESCRIPTION

NOT RECOMMENDED

DESCRIPTION

MP-2K Quick Sand is an easy, quick sanding top quality urethane primer surfacer providing good holdout and fast film build making it an ideal choice for a wide range of applications.

COMPATIBLE SUBSTRATES

- OEM FINISHES
- GALVANIZED STEEL
- BARE METAL
- ALUMINUM
- FIBERGLASS
- E-COAT

**Tech Tip:* Compatible substrates are required to be properly cleaned, sanded and treated prior to applying any primer surfacer. To obtain maximum performance always treat bare metal with a quality metal conditioning system or prime with Matrix MP4-2K, MP-550 or MP-600.

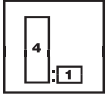
SURFACE PREPARATION



1. Wash area thoroughly with soap and water to remove contaminants that solvent based cleaners cannot remove effectively.
2. Clean repair area with Matrix MX-9000 Pre-Prep Wax & Grease Remover or MXW-9001 where VOC regulations require use.
3. Completely sand surface with 180-220 grit sandpaper or equivalent and repeat step 2.
4. Apply Matrix System Primer Surfacer.

**Tech Tip:* The use of clean, lint free rags is encouraged in the cleaning process to minimize the likelihood of contamination to the substrate materials.

MIXING RATIO



MP-2K, MP-2KGR : MA-2K
4 Parts : 1 Part

POT LIFE



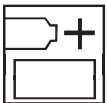
Hardener
MA-2K

Time
1.5 - 2 Hours

Temp
77°F

**Tech Tip:* Pot life will shorten as temperatures increase. Matrix System products are not recommended for use in temperatures below 65° F.

ADDITIVES



ACCELERATOR

Use up to 1/2 fluid ounce of MX-081 Accelerator per sprayable quart. The addition of MX-081 will reduce cure times by 50%. The use of MX-081 will reduce pot life by 50%. The use of MX-081 will not increase VOC in areas where acetone is exempt.



FISH EYE

Do not use fish eye eliminator in this product.

APPLICATION



Apply 2-3 coats with a 10-15 minute flash time between each coat. Use 40-50 psi at the gun or 5-10 psi at the cap when using HVLP. Allow MP-2K to dry 2-4 hours at 77°F before sanding. Final block with 600 grit or finer sandpaper before topcoating. For maximum performance seal MP-2K prior to topcoating.

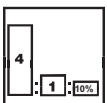
**Tech Tip:* Film thickness, flash times, and temperature may affect sanding times.



GUN TYPE
SIZE
PSI

HVLP
1.5 - 2.1mm
5 - 10 at Air cap

Conventional
1.5 - 2.1mm
40 - 50 at Gun



PAINTING FLEXIBLE PARTS

A flexible additive may be needed when painting certain flexible parts. Use MX-841 Flex Aid mixed at 4:1:10% by volume to ready to spray mix.

MP-2K : MA-2K : MX-841
4 Parts : 1 Part : 10%

DRY & FLASH TIME INFORMATION



DRY TIMES AT 77° F

FLASH TIME 10-15 MINUTES
TO SAND 2-4 HOURS
TO TOPCOAT 2-4 HOURS



FORCE DRYING AT 140° F

PURGE TIME 15 MINUTES
BAKE TIME AT 140°F 20 MINUTES

REPAIRING & RECOATING



MP-2K Urethane Primer Surfacer **must be** sanded prior to recoating, after a 30 minute dry at 77°F, after a minimum 1 hour cool down, after force drying at 140°F for 20 minutes. After 4 hours dry time MP-2K must be sanded before recoating.

**Tech Tip:* Must be sanded prior to painting for mechanical adhesion.

EQUIPMENT CLEANUP



Clean equipment immediately after use with MX-110 Gun Wash or a high quality lacquer thinner.

TECHNICAL DATA

Color: Buff or Grey
 Primer: 4 parts MP-2K/MP-2KGR
 Hardener: 1 part MA-2K
 Weight Solids (RTS): 52.78%
 Film Build: 1.0 - 1.5 dry mils per full wet coat
 Coverage: 555 sq. ft. per gallon at 1 dry mil

V.O.C. as Delivered:	Regulatory VOC in LBS./GAL.	Regulatory VOC in G./L.	Material VOC in LBS./GAL.	Material VOC in G./L.
MP-2K	4.1	494	4.1	494
MP-2KGR	4.4	531	4.4	530
MA-2K	6.2	738	6.2	738
V.O.C. (RTS):				
MP-2K/MA-2K	4.5	543	4.5	542
MP-2GRK/MA-2K	4.8	572	4.8	572

Disposal/Safety: see MSDS for this product
 Lead/Chromate: None
 Humidity Resistance: Excellent
 Salt Spray Resistance: Excellent
 MSDS Reference #: MX-SD2

FOR INDUSTRY USE ONLY
Read MSDS Before Use

The contents of the package must be blended with other components before the product can be used. Any mixture of components will have hazards of all components. Before opening the packages, read all warning labels. Follow all precautions. The material is designed for application only by professionally trained personnel using proper equipment under controlled conditions, and is not intended for sale to the general public.

SEE MSDS AND PRODUCT LABELS FOR ADDITIONAL SAFETY INFORMATION.

NOTE: Matrix Systems products are not recommended for use in temperatures below 65°F. Use below these temperatures will effect dry times and performance.

PRIMER

Put it to the test!
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