

MP-H2O

WATERBORNE PRIMER/SURFACER

Technical Data Sheet

Technical Hotline 800.735.0303

<u>PRODUCT NUMBER</u>	<u>DESCRIPTION</u>
MP-H2O	WATERBORNE PRIMER/SURFACER

<u>ACTIVATOR</u>	<u>DESCRIPTION</u>
NOT RECOMMENDED	NOT RECOMMENDED

<u>REDUCERS</u>	<u>DESCRIPTION</u>
NOT RECOMMENDED	NOT RECOMMENDED

DESCRIPTION

MP-H2O is a high filling waterborne primer surfacer with excellent adhesion to properly prepared bare metal, aluminum, fiberglass and most plastics. It is an excellent product to repair areas where lifting is a problem. MP-H2O meets all VOC regulations.

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.

EQUIPMENT PREPARATION

1. Equipment must be clean and free of solvent based materials.
2. Spray de-ionized water through equipment before using MP-H2O.
3. After use, clean equipment with MXW-9001, immediately followed with water, then lacquer thinner.

MIXING RATIO



MP-H2O is packaged ready to spray but may be reduced up to 10% with de-ionized water.

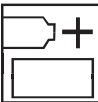
POT LIFE



There is no pot life for this mixture

**Tech Tip:* Product may skin over if left open for extended periods of time.

ADDITIVES



ACCELERATOR

Do not use accelerator in this product.



FISH EYE

Do not use fish eye eliminator in this product.

APPLICATION



Apply 2-3 full wet coats with a 10 minute flash time between each coat (allow MP-H2O to become hand slick in between coats). Use 35-40 psi at the gun or 5-10 psi at the cap when using HVLP. Allow MP-H2O to dry 1-2 hours before sanding. Final block with 600 grit or finer sandpaper before topcoating. For maximum performance seal MP-H2O prior to topcoating.

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



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

N/A

DRY & FLASH TIME INFORMATION



DRY TIMES AT 77° F

FLASH TIME 10 MINUTES

TO SAND 1-2 HOURS

REPAIRING & RECOATING



MP-H2O Waterborne Primer Surfacer may be recoated after a 30-60 minute dry at 77°F.

***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:	Grey
Primer:	Ready to Spray
Reduction:	up to 10% deionized water
Weight Solids (RTS):	50.96%
Film Build:	1.0 - 1.2 dry mils per full wet coat
Coverage:	580 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-H2O	1.5	181	0.7	85
DEIONIZED WATER	0.0	0	0.0	0
V.O.C. (RTS):				
MP-H2O	1.5	181	0.7	85
MP-H2O + 10% DEIONIZED WATER	1.5	181	0.6	77

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.

Put it to the test!
www.matrixsystem.com