

MP-121/124 MP-127

ACCUSHADE™ 2K PRIMER/SEALER

Technical Data Sheet

Technical Hotline 800.735.0303

PRODUCT NUMBER

MP-121
MP-124
MP-127

DESCRIPTION

ACCUSHADE 2K SEALER - WHITE AS-1
ACCUSHADE 2K SEALER - MEDIUM GREY AS-4
ACCUSHADE 2K SEALER - DARK GREY AS-7

ACTIVATORS

MA-122

DESCRIPTION

2K SEALER ACTIVATOR

REDUCERS

NOT RECOMMENDED

DESCRIPTION

NOT RECOMMENDED

**Tech Tip:* The use of urethane grade solvents will increase the VOC of MP-121/124/127 above the 4.6 lbs/gl compliance regulation, and may contribute to solvent pop, delamination or other related problems.

DESCRIPTION

AccuShade Primer/Sealers have been designed for “wet on wet” applications. These exceptional primer/sealers provide excellent flow, leveling and topcoat holdout in addition to offering medium film build for filling minor surface imperfections. Accushade Primer/Sealers are available in white, medium grey and dark grey with simple, easy to use mix ratios achieving many shades of grey designed to utilize many basecoat color to quickly and accurately achieve true undercoat colors.

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.

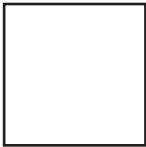


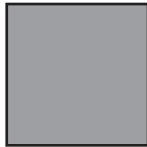



SURFACE PREPARATION



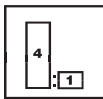
1. Wash area thoroughly with soap and water to remove contaminants that solvent based cleaners cannot remove effectively.
2. Clean repair area with Matrix MX-9000 Strong Wax & Grease Remover or MXW-9001 where VOC regulations require use.
3. Completely sand surface with 400-600 grit sandpaper or equivalent and repeat step 2.
4. Apply Matrix System MP-121/124/127 Primer/Sealer over properly scuffed OE coating or recommended 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.

ACCUSHADE COLORS AND MIXING RATIOS

AS-1 White	AS-2	AS-3	AS-4 Med. Grey	AS-5	AS-6	AS-7 Dk. Grey
						
MP-121 As Packaged	Mix MP-121 & MP-124 2:1	Mix MP-121 & MP-124 1:2	MP-124 As Packaged	Mix MP-121 & MP-127 2:1	Mix MP-121 & MP-127 1:2	MP-127 As Packaged

MIXING RATIO



MP-121/124/127 : MA-122
4 Parts : 1 Part

POT LIFE



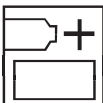
Hardener
MA-122

Time
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
N/A



FISH EYE
Do not use fish eye eliminator in this product.

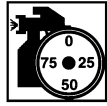
APPLICATION



Apply 1-2 coats with a 5-10 minute flash time between each coat @ 77° F. Allow 20-30 minutes before “nib-sanding”. Use 35-45 psi at the gun or 5-10 psi at the cap when using HVLP.

NOTE: IN HOT HUMID CONDITIONS ABOVE 80° F THE USE OF MA-122 ACTIVATOR IS REQUIRED AND 10% SLOW REDUCER/RETARDER.

***Tech Tip:** Must scuff after 30 minutes of application. Film thickness, flash times, and temperature may affect sanding times.



GUN TYPE	HVLP	Conventional
SIZE	1.3 - 1.5mm	1.3 - 1.5mm
PSI	5 - 10 at Air cap	35 - 45 at Gun

PAINTING FLEXIBLE PARTS

N/A

DRY & FLASH TIME INFORMATION



DRY TIMES AT 77° F

FLASH TIME	5-10 MINUTES
TO “NIB” SAND	20-30 MINUTES
TO TOPCOAT	10-30 MINUTES

***Tech Tip:** After 30 minutes, sanding and recoating is required. Film thickness, flash times, and temperature may affect sanding times.



FORCE DRYING AT 140° F

PURGE TIME	10 MINUTES
BAKE TIME AT 140°F	15 MINUTES

REPAIRING & RECOATING



MP-121/124/127 AccuShade 2K Primer/Sealer may be recoated, after scuff sanding after force drying at 140°F for 15 minutes

EQUIPMENT CLEANUP



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

TECHNICAL DATA

Color: White, Med. Grey, Dk. Grey
Primer: 4 parts MP-121/124/127
Hardener: 1 part MA-122
Weight Solids (RTS): MP-121 White: 63%
MP-124 Medium Grey: 58%
MP-127 Dark Grey: 46%
Film Build: 0.5 - 1.0 dry mils per full wet coat
Coverage: 506 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-121	4.1	496	4.1	496
MP-124	4.4	522	4.4	522
MP-127	4.0	483	3.1	376
MA-122	4.4	521	3.0	355
V.O.C. (RTS):				
MP-121/MA-122	4.2	499	3.9	468
MP-124/MA-122	4.4	522	4.1	488
MP-127/MA-122	4.1	490	3.1	372

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