



www.medallionrefinish.com

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MRS-8500

TECHNICAL DATA

“Spot Werkes” 2K Urethane Primer Surfacer 50 State Compliant-2.1 V.O.C.

DESCRIPTION:

MRS-8500 “Spot Werkes” 2K Urethane Primer Surfacer is a medium build, versatile two component primer surface. MRS-8500 “Spot Werkes” 2K Urethane Primer Surfacer has an ultra fast dry-to-sand time. This primer surfacer is excellent for spot repairs. MRS-8500 “Spot Werkes” 2K Urethane Primer Surfacer has excellent adhesion and solvent resistance with all topcoat paint systems.

FEATURES:

- ✓ Excellent flow out
- ✓ Excellent color hold-out
- ✓ Superior impact resistance
- ✓ Fast cure; can be sanded in 25 minutes
- ✓ Guaranteed performance

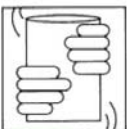
COMPATIBLE SUBSTRATES

All properly prepared rigid and semi rigid auto body parts
All brands of polyester fillers and glazing putties
Clean, properly sanded O.E.M. or refinish coatings
Self-etch primer or epoxy primer



INSTRUCTIONS:

Shake and stir the MRS-8500 “Spot Werkes” 2K Urethane Primer Surfacer thoroughly before mixing.



GUN SETUP:

Conventional Gravity	1.6-1.8mm (primer) 40-45 psi @ gun
Siphon	1.6-1.8mm (primer) 40-45 psi @ gun
HVLP gravity	1.6-1.8mm (primer) 8-10 psi @ gun
Mini-Jet	1.1-1.3mm (primer) 8-10 psi @ gun

MIXING:

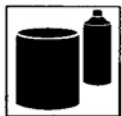
4 parts MRS-8500 “Spot Werkes” 2K Urethane Primer Surfacer to 1 part MRS-8550 “Spot Werkes” Primer Activator.

For faster cure and sand times, add 5-10% MRS-8060 “Spot Werkes” Accelerated Reducer-Fast.

Reducers:

MRS-8060	“Spot Werkes” Accelerated Reducer-Fast
MRS-8075	“Spot Werkes” Reducer-Medium
MRS-8085	“Spot Werkes” Reducer (potlife extender)-Slow





TINTING:

MRS-8500 “Spot Werkes” 2K Urethane Primer Surfacer can be tinted using Medallion™ Refinish System’s Universal Primer Tints or any single stage mixing toner (solid colors only) at no more than 5% by weight (approx. 50 grams per quart of unreduced **MRS-8500 “Spot Werkes” 2K Urethane Primer Surfacer**).



SURFACE PREPARATION:

Wash area with soap and warm water. Thoroughly clean area with **RS-608 Slow Wax and Grease Remover** or **RS-609 Wax and Grease Remover**. **MRS-612 Water Base Pre-clean** can be used where VOC restrictions are in effect.



Sand area according to body filler manufacturer’s recommendations. Reclean with **RS-608, RS-609** or **RS-610**.

For optimum adhesion and corrosion protection, bare metal surfaces should be coated with a Self Etching Primer or an Epoxy Primer Sealer before applying primer surfacer.



APPLICATION:

Apply 2-3 medium wet coats of **MRS-8500 “Spot Werkes” 2K Urethane Primer Surfacer** using a good quality spray gun. Allow 5 minutes flash time between coats. Allow 20-25 minutes @ 70°F (21°C) air dry before sanding. **MRS-8500 “Spot Werkes” 2K Urethane Primer Surfacer** can be force dried (5 minutes @ 140°F 60°C). **MRS-8500 “Spot Werkes” 2K Urethane Primer Surfacer** has a short potlife (30 minutes). It is recommended to clean the spray gun out immediately after use.



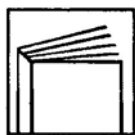
SANDING:

Allow **MRS-8500 “Spot Werkes” 2K Urethane Primer Surfacer** to thoroughly cure before sanding. Sand primer surfacer with 180-220 grit sandpaper. If applying a sealer over the primer surfacer, finish sand with 320-400 grit sandpaper. If applying topcoat directly over the **MRS-8500 “Spot Werkes” 2K Urethane Primer Surfacer** finish sand with 400-500 grit sandpaper when applying basecoat and 320-400 grit sandpaper for single-stage system.



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TECHNICAL DATA

Color	Grey
Activator/Hardener	MRS-8550
Reducer	MRS-8060, 8075, 8085
Mix Ratio	4:1 Reducer Optional
Pot Life	30 minutes
Number of Coats	2-3
Flash Time (between coats)	5 minutes
Recoat w/o sanding	N/A
Dry to Sand	
Air Dry 70°F (21°C) 50% RH	20-25 mins. @70°F (21°C)
Force Dry	5 mins. @140°F (60°C)
Gun Set-Up Gravity Feed (HVLP)	1.6-1.8mm
Air Pressure @ Gun (HVLP)	8 – 10 psi
Air Pressure @ Gun (Conventional)	40 -45 psi
V.O.C. Limit	2.1 lbs/gal (252 g/l) Primer
Coatings V.O.C.	
Regulatory	2.25 lbs/gal (269.76 g/l)
Actual	1.44 lbs/gal (172.13 g/l)
Sprayable V.O.C.	1.99 lbs/gal (238 g/l)
% Solids Sprayable by Weight	60%
Coverage Sq. Ft. / gal @ 1 mil*	720
Package	Quart & gallon
Number per case	
Quart	6
Gallon	4
Shelf Life	12 months

Material Safety Data Sheet (MSDS) is available on our website
www.medallionrefinish.com

RUBBI

MedallionTM
Refinish System