

MCU-9012

ACRYLIC URETHANE - WHITE



Technical Data Sheet

Painters Hotline 800.735.0303

PRODUCT NUMBER

MCU-9012

DESCRIPTION

ACRYLIC URETHANE - WHITE

HARDENERS

MH-005
MH-006
MH-008
MH-43

DESCRIPTION

PREMIUM HARDENER - NORMAL
PREMIUM HARDENER - SLOW
PREMIUM HARDENER - VERY SLOW
PREMIUM HARDENER - SPOT & PANEL

REDUCER

MR-0800

DESCRIPTION

REDUCER SERIES

DESCRIPTION

MCU-9012 Acrylic Urethane White is an easy to apply topcoat with a high gloss, providing the quality and performance you expect from a premium refinish system.

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 MX-9000 Pre-Prep Wax and Grease Remover or MXW-9001 Zero V.O.C. Cleaner/Degreaser where V.O.C. regulations require use.
3. For maximum adhesion, treat bare metal with a quality metal conditioning system or prime with MP-Epoxy Primers, MP-550 Self Etching Primer or MP-600 Self-Etching Wash Primer.
4. Fill imperfections with MP-2K, 2KPB, MP3-HS or MP4-2K primer surfacers. Final sand surface wet or dry with 600 grit paper or finer before applying basecoat.
5. For maximum performance, seal with MP-120 Series Sealers before topcoating.

MIXING RATIO

MCU-9012 : MH-005/006/008/43 : MR-0800 Reducer Series
4 Parts : 1 Part : 1 Part

ACRYLIC
URETHANE

APPLICATION

Apply 2 to 3 full wet coats or until hiding is achieved using 45-55 psi at the gun for Siphon Feed or 6-10 psi when using HVLP. Allow a 10-15 minute flash time between coats. Allow to dry 18-24 hours at 77° F before wet sanding or polishing. During inclement weather allow a 24 hour dry time at 77° F before delivery. If excessive wet sanding and polishing is done additional coats may be required.

NOTE: Matrix System does not recommend clearcoating this material as delamination could occur.

FORCE DRYING

Allow the last coat to purge 15-20 minutes before baking at 140° F for 40 minutes. Allow a 1 hour cool down time before wet sanding and buffing if required.

FISHEYE ELIMINATOR

Use up to 1 ounce of Matrix MX-01 to 1 sprayable quart of MCU-9012 Acrylic Urethane White. (Excessive amounts of MX-01 will directly affect flow-out).

EQUIPMENT CLEAN-UP

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

TECHNICAL DATA

Color:	MCU-9012 White
Mixing Ratio:	4:1:1
Viscosity (RTS):	19-25 seconds #2 Zahn
Volume Solids (RTS):	38-45%
Film Build @ full wet coat:	0.8 - 1.2 mils
Pot Life:	4-6 hours
Coverage:	610-666 sq. ft.
V.O.C. (Sprayable):	Less than 5.0 lbs/gal
Coverage per gallon @ 0.5 mils:	401 sq. ft.

NOTE: Matrix Systems products are not recommended for use in temperatures below 60° F. Use below these temperatures will effect dry times and performance.

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.

Put it to the test!

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