



Millwork 1000™ MW01 Series Water Reducible Hi Hide Moulding Primer

White	MW01-WWA03	Black	MW01-BWA04
Off-White	MW01-WWA06		

PRODUCT DESCRIPTION

Millwork 1000 – MW01 Series Water Reducible Hi Hide Moulding Primer is one component, VOC complying acrylic latex primer developed to fill and hide profile and surface imperfections on mouldings and shutter components. It may also be applied to wood for interior applications such as porous woods or MDF used in the Kitchen Cabinet Market.

FEATURES

Gloss:	Flat	Drying (2.0 mils dft, 77°F,	50% RH)
Volume Solids:	50.1%± 2%	To Touch:	5-10 Minutes
Viscosity:	65-85 Krebs Units	To Handle:	15-20 Minutes
Recommended Film Thickness:	Mils Wet 5.0-6.0	To Sand:	20-25 Minutes
	Mils Dry 2.0-2.5	To Recoat:	20-25 Minutes
Spreading Rate: (no application loss)	@ 1 mil dft: 715 sq ft/gal	Force Dry:	5-10 Minutes at 140°F
Air Quality Data:	Non-photochemically reactive.	Flash Point:	None Pensky-Martens Closed Cup
Material VOC:	.16lb/gal, 19 g/L	Package Life:	1 Year, Unopened
Coatings VOC:	.34lb/gal, 41 g/L	pH:	7.7-8.3
An Air Quality Data Sheet is available	from your local Tewksbury Technical Coatings facility.		

BENEFITS

- Excellent performance on Flow Coating Equipment
- Minimal to no foaming when used on a Flow Coater
- Water reducible latex quality
- Low VOC, less than 0.34 lb/gal (41 g/L)
- Volatile organic emissions under 0.16 lb/gal (19 g/L)
- Excellent adhesion to a wide range of wood substrates
- Easing filling and sanding
- Fast Air Dry
- Low odor
- Reduced fire hazards, possible lower insurance rates
- Single component, no catalyzation
- No critical recoat time
- Free of lead and chromate hazards
- Reduce and clean up with water
- Compatible with a wide range of topcoats including TTC – K-Lac, TTC-W/R Enamel, TTC-W/R Conversion Varnish
- May be tinted to pastel colors using up to 6 oz/gal of water reducible colorants

SPECIFICATIONS

Wood (interior only): Must be clean, dry, and free of sanding dust. Can be top-coated with most waterborne products.

Testing: Due to the wide variety of substrates, surface preparation methods, application methods, and environments, the customer should test the complete system for adhesion and compatibility prior to full-scale application.

FLOW COATER:	AIR ASSISTED AIRLESS: SS	AIRLESS SPRAY: SS	CONVENTIONAL SPRAY: SS
Reducer: As needed up to 5%	Air Pressure: 15-30 psi	Pressure: 2000-2400 psi	Reducer: Water
	Fluid Pressure: 850-950 psi	Tip: .011-.013"	Reduction Rate: As needed up to 5%
	Cap/Tip: .011-.013"	Reducer: Water	
	Reducer: Water	Reduction Rate: As needed up to 10%	
	Reduction Rate: As needed up to 10%		

Note: Do not over reduce. Water reducible primers must be applied at higher viscosities than solvent-based primers. They apply atomize easier at higher viscosities.

Cleanup: Clean spray gun cap with TTC Exempt Solvents. Flush equipment with TTC Exempt Solvent to prevent rusting. Follow manufacturer's safety recommendations when using any solvent.

PRODUCT LIMITATIONS

- Protect from freezing. Inside storage between 40°F and 95°F only. Freezing will cause a dramatic increase in viscosity.
- High humidity will slow drying
- Spray wet film for good film integrity
- Customer must test on specific surface for performance because a wide variety of wood compositions exist in the marketplace
- Do not exceed 4.0 mils total dry film to avoid mud cracking and improper drying
- Use low to moderate atomizing pressures to minimize bubbling and air entrapment
- Do not shake or agitate violently because of tendencies to foaming and air entrapment
- Keep container closed to prevent skinning of this fast-drying coating
- Do not use viscosity cups to measure viscosity, product should be applied at as heavy a viscosity as practical
- On MDF, the surface profile of the substrate may telegraph through this product to the topcoat
- Not intended for use on metal or plastic
- Not intended for exterior use
- Product must be top-coated prior to exposure to direct sunlight and harmful UV rays

CAUTIONS

Thoroughly review product label for safety and cautions prior to using this product. A Material Safety Data Sheet is available from your local Tewksbury Technical Coatings facility. Please direct any questions or comments to your local Tewksbury Technical Coatings facility or call 1-888-TEWKSBURY.

LABEL CAUTIONS

Contents are **FLAMMABLE**. Vapors may cause flash fires. Keep away from heat, sparks, and open flame. During use and until all vapors are gone: Keep area ventilated – Do not smoke – Extinguish all flames, pilot lights, and heaters – Turn off stoves, electric tools and appliances, and any other sources of ignition. SEE CONTENTS STATEMENT ON LABEL. **VAPOR HARMFUL**. Avoid breathing vapor and spray mist. Use only with adequate ventilation. Before initial use, consult OSHA's Standard for Occupational Exposure to Formaldehyde (29 CFR 1910, 1048). A properly fitted full face respirator effective for particulates, organic solvent and formaldehyde or an air supplied respirator must be worn, unless air monitoring demonstrates vapor/mist levels are below applicable limits. Follow respirator manufacturer's directions for respirator use. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage.

FIRST AID: If **INHALED**: If affected, removed from exposure. Restore breathing. Keep warm and quiet. If on **SKIN**: wash affected area thoroughly with soap and water. Remove contaminated clothing. If in **EYES**: Flush eyes with large amounts of water for 15 minutes. Get medical attention. If **SWALLOWED**: Get medical attention immediately.

SPILL AND WASTE: Remove all sources of ignition. Ventilate and remove with inert absorbent. Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State, and Local regulation regarding pollution.

DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE. Contains solvents, which can cause permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. Contains Formaldehyde – a potential cancer hazard.

Warning: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN. FOR INDUSTRIAL USE ONLY. SEE MATERIAL SAFETY DATA SHEET.

Note: The information, rating, and opinions stated here pertain to the material currently offered and represent the results of tests believed to be reliable. However, due to variations in customer handling and methods of application, which are not known, or under our control, Tewksbury Technical Coatings cannot make any warranties as to the end result.