MODERN MASTERS®
MASTERCLEAR® SUPREME CLEAR COAT

DESCRIPTION AND USES

Modern Masters® MasterClear® Supreme is a water base self-crosslinking acrylic/aliphatic polyurethane protective topcoat that dries quickly to a durable clear finish. MasterClear Supreme protects interior surfaces against abrasion, scuffing, chipping, water, alcohol, household chemicals, and protects exterior surfaces from oxidation, salt air, chlorine, acid rain, mildew, etc. MasterClear Supreme has outstanding gloss retention and clarity with added UV blockers and absorbers that reduce the sun's fading effects on painted surfaces. This innovative formula has very little odor and is VOC compliant nationwide.

Protects painted surfaces, wallpaper, doors, columns, cabinetry, windowsills, mantels, wainscot, wood paneling, crown molding, baseboards, chair rails, furniture, and picture frames. It is a perfect clear coat for faux marble and wood grained surfaces.

UV and weather resistant, it extends the life of previously painted surfaces, and aluminum surfaces such as doors, porch surrounds and supports, decorative moldings, painted facades, murals, garage doors, anodized aluminum window casings, aluminum paneling, outdoor furniture, and garden ornaments.

NOTE: MasterClear Supreme is not recommended for surfaces painted with Metallic Paint Collection™, white or light-colored surfaces or for use on floors.

PRODUCT FEATURES AND BENEFITS

- Exceptional durability and weather resistance
- Self-Crosslinking technology
- Ultimate UV color and gloss protection
- VOC compliant nationwide

PRODUCTS

32 Oz.	GALLON	DESCRIPTION
MCS90132	MCS901GAL	Matte
MCS90232	MCS902GAL	Satin
MCS90332	MCS903GAL	Semi-Gloss
MCS90432	MCS904GAL	Gloss

PRODUCT APPLICATION

SURFACE PREPARATION

PAINTED SURFACES: should be fully cured prior to application, clean, dry, and free from dust, rust, stains, grease, oil, mildew, wax, efflorescence, and other contaminants.

ALUMINUM: should be clean, dull, dry, and free of dust and other surface contaminants. Using a non-abrasive cleaner is recommended.

BARE WOOD: should be prepared by first sanding the surface smooth, removing dust with a vacuum, and then wiping the surface clean with an oil-free tack cloth. Moisten the wood surface with a wet towel or sponge and allow it to dry.

PRODUCT APPLICATION (cont.)

SURFACE PREPARATION (cont.)

BARE WOOD (cont.): When dry, sand the raised grain with fine sandpaper until smooth, then vacuum and wipe clean with the oil-free tack cloth. Exterior wood must be coated on all sides.

NOTE: For stained and unstained wood surfaces always test the product in a small, inconspicuous area before beginning a project. Exterior unstained wood may still oxidize and turn gray due to UV exposure.

APPLICATION

Modern Masters MasterClear Supreme can be brushed, rolled, or spray applied. Stir thoroughly before use, do not shake. For best results and maximum protection, it is recommended to apply two or more coats for interior use and three or more coats for exterior use.

Do not apply in temperatures below 55°F/13°C or above 95°F/35°C.

BRUSHING: Use a high-quality synthetic bristle brush.

ROLLING: Use a high-quality short nap varnish roller.

SPRAYING: To spray, thin with up to 10%, 12 fluid ounces/360 mL of water to one gallon/3.78 liters of MasterClear Supreme. Use an HVLP gun, conventional cup gun or airless spray system with a fine tip.

DRY TIMES: Drying times were recorded at 70°F and 50% RH. Dry-to-touch time is approximately 30 minutes. Recoat time is approximately 1-2 hours and full cure in 2-3 days.

NOTE: Lower temperature and/or higher humidity will lengthen the dry and cure times.

COVERAGE: One gallon will cover approximately 440-455 square feet. Approximately 1 mil dry film thickness per coat. For best results and maximum protection apply a minimum of two coats and on surfaces in extreme weather conditions apply three coats.

CLEAN UP: Clean brushes, rollers, tool, and equipment with soap and warm water immediately after use. Do not reuse containers and properly dispose of empty containers.

HANDLING & STORAGE: To avoid skinning, close container after each use. Keep lid tightly closed during storage. Keep away from excessive heat. Protect from freezing. If contents freeze, allow to thaw and come to room temperature before use. **Stir thoroughly before use.**

DISPOSAL: Dispose of unused or unwanted product in accordance with local laws regulating water-based coatings.

Form: ARJ-2352
Rev.: 061824

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PHYSICAL PROPERTIES

		MASTERCLEAR SUPREME CLEAR COAT
Resin Type		Water based acrylic
Weight	**Per Gallon**	8.60-8.69 lbs.
	Per Liter	1.03-1.04 kg
Solids	**By Weight**	34.06-36.02%
	By Volume	32.36-33.86%
Volatile Organic Compounds		<50 g/l
Sheen Ranges @ 60°		Matte: 10-20 Satin: 25-35 Semi-Gloss:50-60 Gloss: >80
Recommended Dry Film Thickness (DFT) per Coat		1 mil
Wet Film to Achieve DFT (Unthinned material)		3 mils
Practical Coverage at Recommended DFT (assume 15% material loss)		440-455 sq. ft./gal.
Dry Times at 77°F (25ºC) and 50% Relative Humidity	**Touch**	30 minutes
	Handle	1 hour
	Recoat	1-2 hours
	Full Cure	2-3 days
Shelf Life		5 years
Dry Heat Resistance		200°F
Safety Information		For additional information, see SDS

Calculated values are shown and may vary from the actual manufactured material.

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