





Montana Big Sky™ CRV22 2K Urethane Glamour Clearcoat




COMPONENTS
CRV22 Clearcoat
CR22AF, CR22AM, CR22AS or
CR22AES Hardener




APPLICATION
1 medium wet coat +
1 full wet coat
15 minute flash between coats




MIX RATIO
4 : 1



DRY TIME
Dust Free – 15-20 minutes
To Buff/Compound – 20 hours



VISCOSITY
N/A



VOC
502 grams / liter
4.19 lbs / gallon



GENERAL

DESCRIPTION

Montana Big Sky CRV22 2K Urethane Glamour Clearcoat is a 4.2 lbs/gal VOC medium solids universal clearcoat designed to provide excellent flow, leveling, rich gloss, good durability, and chemical resistance. CRV22 clear offers excellent UV protection and has great next day buffability.

NOTE: This clear also integrates with the System 22 Color System.

The products referenced herein may not be sold in your market. Please consult your distributor for product availability.



MIXING

COMPONENTS

Mix 4 parts CRV22 Clearcoat with 1 part CR22AF, CR22AM, CR22AS or CR22AES hardener.

Component	Volume
Montana Big Sky CRV22 Clearcoat	4
Montana Big Sky CR22AF/AM/AS/AES Hardener	1

HARDENER SELECTION

- CR22AF Fast 63-78°F / 17-25°C
- CR22AM Medium 75-88°F / 23-31°C
- CR22AS Slow 85-100°F / 29-37°C
- CR22AES Extra Slow 100°F + / 37°C +



SPECIALTY COMPONENTS (OPTIONAL)

- CR22ACC Accelerator
- CR22FEE Fisheye Eliminator
- SP40 Universal Matting Base
- TH035/36/37 Zero VOC Urethane Reducer

Note: If a slight reduction is desired for blending needs, TH035, TH036 or TH037 Zero VOC Urethane Reducer may be used, at a rate of up to 10%, while maintaining the RTS VOC of 4.2.

Accelerator: If needed, use 1 – 2 ounces of CR22ACC Accelerator per ready-to-spray gallon (or ¼ - ½ ounce per ready-to-spray quart).

Fisheye eliminator: If needed, add 1 – 2 ounces of CR22FEE per ready-to-spray gallon (or ¼ - ½ ounce per ready-to-spray quart).

POT LIFE

2 - 3 hours @ 75°F / 23°C



APPLICATION

APPLICATION EQUIPMENT

HVLP Gravity	1.3 - 1.4 mm	5 – 10 PSI	*At the cap
High Efficiency	1.3 - 1.4 mm	27 - 32 PSI	At gauge

NOTE: Refer to spray gun manufacturer for further information regarding HVLP Inlet Pressures.

SURFACE PREPARATION

Apply base coat as needed with proper flash time between coats. Allow base to dry 20-30 minutes at 75°F / 23°C before applying clearcoat.

APPLICATION

Allow basecoat to dry per manufacturer suggested dry times. Apply one medium-wet coat of clear and allow 15-minutes flash & apply a second full wet coat. A third coat may be applied if extensive sanding and polishing is anticipated.

When used in conjunction with System 22 Color Topcoating

Properly activated CRV22 Clearcoat may be applied directly over System 22 Color. Allow solid colors to flash 20 – 30 minutes before clearcoating. Allow metallic colors to flash 30 – 45 minutes before clearcoating to avoid metallic shift. Mix CRV22 Clear per directions, and apply over properly mixed System 22 Color.

Integrated

Properly activated CRV22 Clearcoat may be mixed up to 100% (1:1) with pre-reduced and activated System 22 Color. This will provide a deep, rich finish with added protection. Apply 2-coats of activated color, allowing appropriate flash times between coats . Each coat should be hand slick before applying more color or integrated color and clear. Mix CRV22 Clearcoat per directions, and mix with remaining pre-activated color, up to 100% (1:1). Apply final coat of integrated color and clearcoat.

RECOATABILITY

Allow clear to dry overnight at 75°F / 23°C prior to reapplying color coat. Re-clearing may be done as soon as 16-hours or up to 72 hours without having to scuff clearcoat.

CLEAN-UP

Clean spray equipment immediately following application with a quality thinner or spray gun cleaner. Dispose of all paint and paint related materials in accordance with state and local regulations.



DRY TIMES

AIR DRY

Dust Free	Approximately 15-20 minutes
To Polish	See light polishing data
To Buff/Compound	20 hours at 75°F/23°C
Cure	7 days at 75°F/23°C

FORCE DRY

Bake 35-45 minutes at 140°F / 60°C. No purge time is necessary (when used as basecoat/clearcoat).

Allow 15-20 minute purge when using in conjunction with System 22.



PHYSICAL PROPERTIES

Direct Impact	+80 ft/lbs
Reverse Impact	50 ft/lbs
Chemical Resistance	MEK pass 100 double rubs, Xylene pass 100 rubs
RTS VOC	4.19 lbs/gallon
RTS Volume Solids	34.60%
RTS Weight Solids	40.20%
DFT per Coat	1.10 ± 0.20
Flash Point	See SDS

Note: Do not expose to rain for the first 24 hours when air dried. Excessive moisture on fresh clear can cause a milky appearance within the film.

STORAGE CONDITIONS

Store in a dry, well ventilated area. Storage temperatures should be between -30°F (-34°C) and 120°F (48°C).

VOC REGULATED AREAS

VOC as Applied 502 grams/liter | 4.19 lbs/gallon

These directions refer to the use of products which may be restricted or require special mixing instructions in VOC regulated areas. Follow mixing usage and recommendations in the VOC Compliant Products Chart for your area.

SAFETY AND HANDLING

For industrial use only by professional, trained painters. Not for sale to or use by the general public. Before using, read and follow all label and SDS precautions. If mixed with other components, mixture will have hazards of all components.

Ready to use paint materials containing isocyanates can cause irritation of the respiratory organs and hypersensitive reactions. Asthma sufferers, those with allergies and anyone with a history of respiratory complaints must not be asked to work with products containing isocyanates.

Do not sand, flame cut, braze or weld dry coating without a NIOSH approved air purifying respirator with particulate filters or appropriate ventilation, and gloves.

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In the United States and Canada:

1.855.6.AXALTA
montanabigsky.us

