

TECHNICAL DATA SHEET

PRODUCT NAME: 2K MATT CLEARCOAT

Version: 14/12/2019

DECRIPTION:

Custom Paints 2K Matt Clearcoat is a two-component flat clear designed to dry to a matte finish while still providing excellent durability. 2K Matt offers excellent spray characteristics, is ideal for use when it is necessary to match a matte, OEM finish and is also excellent for custom "flat" paint jobs.



SURFACE PREPARATION:

EXISTING FINISH: Sand surface with P600-P800 wet or P500-P600 dry, and then clean with Cleaner/Degreaser. Mask object/area to eliminate unwanted overspray. Use a tack cloth to remove any surface contaminates that may have settled on the basecoat.



MIXING RATIO:

MIX RATIO: 2:1 - Mix by volume, mix thoroughly.

· 2 Parts 2K Matt Clear

· 1 Part Activator

Optional: up to 10% Reducer maybe added

NOTE: Shake/Stir thoroughly before use as this product will settle.



POT LIFE: @ 70°F / 21°C

2 – 4 Hours (For best results use mixture within 1 hour)

Pot life will shorten as temperatures increase. Custom Paints products are not recommended for use in temperatures below 65° F. Use below these temperatures will effect dry times and performance.



GUN SET UP:

CONVENTIONAL: 1.2mm - 1.4mm

HVLP: 1.2mm - 1.4mm



AIR PRESSURE:

High Efficiency HVLP

15—29psi 6—10 psi max @ the gun @ the cap

NOTE: Refer to individual gun manufacturer for proper spray gun setting.



2 Full single coats followed immediately by a lighter (½ coat) cross coat.

SPECIAL NOTES:

- Always spray a test panel to ensure gloss level meets your expectations.
- Blending of the Matt Clear is not possible.
- Apply with increased gun distance and 75-85% overlap. Applying a second coat in the opposite direction may help create an even surface.
- Do not wash with high pressure or steam-jet cleaner. Automatic car wash with soft brushes preferred.
- Do not use any compounds, polishing pastes, or wax.



FLASH / DRYING TIMES:

AIR DRY

Flash between coats: After First Coat = 10-15 minutes Out of Booth: 30—60 minutes (depending on temperature)

FORCE DRY

Purge time: 15 minutes.

Cycle Time: 45 minutes @
140°F/60°C metal temperature.

Dust Free: After full cool down.

INFRARED DRY

Refer to the infrared manufacturer's guide

for setup

recommendations.

Dry and cure times are dependent on air movement, temperature and film builds.

RECOATING:

2K Show Clear may be repaired and recoated after 16-24 hours at 70° F/21° C. 2K Show Clear may be repaired and recoated when force dried after 1 hour cool down.

EQUIPMENT CLEANING:

Clean equipment immediately after use according to local regulations.

POLISHING:

DO NOT POLISH. Dust inclusions cannot be removed by polishing. Therefore, maximum cleanliness should be respected in the application area.



HEALTH & SAFETY:

Read all warnings, first aid and safety for all components before using. Be sure to read all safety warnings and MSDS. Keep out of reach of children and animals. Wear a properly fitting NIOSH/MSHA approved respirator. Select positive pressure supplied respirator (TC-19C or equivalent) for isocyanates. Follow the respirator manufacturer's directions for use.

Protect hands with impervious rubber gloves. Wear face, skin and eye protection. Specialist Paints finishes are for industrial use by professional, trained painters.

Note: Custom painting can be difficult. All products should be fully tested prior to commencing any job to determine suitability, final finish and overall appearance. All information and data provided by CUSTOM PAINTS LTD is given in good faith and intended to be a general guide only. CUSTOM PAINTS LTD shall not accept liability as a result of any failure or lack of expertise on the part of the applicator, condition of substrates, lack of, or incorrect preparation, use of incompatible materials, equipment failure or use of incorrect equipment or any other reason beyond the control of CUSTOM PAINTS LTD and further offers no warranties of whatever nature express or implied as to merchantability or fitness for a particular use or purpose and shall not accept liability for any specific or consequential damage as a result of using these products unless otherwise agreed to in writing. Should a product be defective, CUSTOM PAINTS LTD shall replace the defective product, or, at its sole discretion refund the purchase price.