



DO THE JOB RIGHT.



SINGLE-STAGE URETHANE PAINT

PRODUCT INFORMATION SHEET #50200ZPQ

Eastwood's Single-Stage Urethane Paints feature the most modern automotive refinish technologies paired with premium raw materials in an incredibly user-friendly system that delivers beautiful results in a wide range of colors including classic solids and wild metallics. May be used as a one-step single-stage topcoat, or in combination with Premium European or Premium Urethane Clearcoat for even better protection and a deeper gloss. Either way, this advanced urethane color system is the ideal choice to finish off any restoration project, from antique classics to more modern muscle cars. Available in more than 50 colors. This system is a Low-VOC formula topcoat, single-stage; Max. VOC 2.8 lbs/Gal).

SAFETY

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Extinguish all flames, pilot lights and heaters. Turn off stoves, electric tools, appliances or any other possible sources of ignition prior to spray application. Keep container tightly closed. Use explosion-proof electrical/ventilating/lighting equipment. Take precautionary measures against static discharge. Avoid breathing vapors or spray mist. Wash skin thoroughly after handling. Use only in well-ventilated areas. Use personal protective equipment as required. Wear impervious gloves and protective clothing when handling material. Wear splash goggles or other eye protection. Always wear an appropriate, properly fitted, fresh air-supplied respirator (NIOSH-approved TC-19C or equivalent) during and after application, and until all organic solvent vapors and spray mists are exhausted, or any time airborne contaminant levels exceed exposure limits indicated on the Safety Data Sheet. Repeated and prolonged overexposure to solvents may lead to permanent brain and nervous system damage, causing dizziness, headache or nausea and may cause adverse liver and kidney effects. Intentional misuse by deliberately concentrating and inhaling this product may be harmful or fatal. Individuals with chronic respiratory problems or those with previous reactions to isocyanates should neither use this product nor be exposed to its vapors or spray mist. Store in a cool, well-ventilated place. Dispose of unused amounts and empty container with an approved waste disposal facility only. If spilled, contain material with inert absorbent.

SURFACE PREPARATIONS

Suitable substrates include:

Eastwood Epoxy Primer, Eastwood 2K Urethane Primer Surfacer, properly prepared factory finishes.

When painting over existing finishes or cured undercoat products, first, clean surface with Eastwood PRE Painting Prep, a specially-formulated blend of solvents designed to remove tar, wax, grease, road grime, silicone, buffing compound and other surface contaminants.

Next, abrade surface to be painted with 400-600 grit sandpaper.

Finally, re-clean with PRE or other comparable Surface Wash product to remove any debris before application.

When applying over fresh primer, be sure to allow sufficient flash time. No additional prep steps are required, as long as primer is still within its recoat window.

MIXING

Take care to thoroughly stir contents after shaking can to ensure all material is evenly blended prior to activating. If using multiple cans for the same job, be sure to check for the same batch number on all containers to ensure color consistency. Record batch codes for future reference. If using material from two or more different batches, pour the contents of all cans into a large pail and blend, then pour back into the individual cans. This also ensures color consistency from one can to the next.

Thoroughly mix three parts Single-Stage Urethane paint with one part 21856ZP Activator. Additional reduction is not required, though it may help to improve flow and leveling. Eastwood recommends no more than 10% reduction using either 14158ZP Fast/Low temp, 14159ZP Medium/Mid temp or 14160ZP Slow/High temp urethane reducers, or 50104ZP Zero-VOC reducer. Some Eastwood Single-Stage Urethane colors are available in quarts. These mix at a different ratio (4:1), with a different activator (21854ZP).

Eastwood's Fish-Eye Eliminator (14498Z) may be added to the mixture, but only if fish eyes are found to be present. Add up to 1/2 fluid ounce to each sprayable quart of paint.

POT LIFE

Use caution in mixing materials as Eastwood's Single-Stage Urethane may begin to gel after approximately two to three hours (at 70°F)

SPRAY GUN SETUP

HVLP	1.2 - 1.4 mm fluid tip	28-32 psi
Conventional Gravity	1.2 - 1.5 mm fluid tip	45-50 psi
Conventional Siphon	1.2 - 1.6 mm fluid tip	40-50 psi

APPLICATION INSTRUCTIONS

Apply Eastwood's Single-Stage Urethane paints in two to three medium wet coats as necessary to achieve sufficient coverage, allowing ten minute flash between coats (may require more or less time depending on air temperature, humidity, air flow and other conditions).

Additional coats may be necessary to achieve total coverage for some metallic or pearl colors.

A final "drop coat" may be applied with metallic colors to help set an even flake pattern and /or adjust flake orientation.

A dry film thickness of approximately 2 mil. is recommended.

This Urethane Paint may be applied as a stand-alone single-stage system, or in combination with Eastwood's European Urethane Clear as a basecoat/clearcoat system. Additionally, a Urethane Clearcoat may also be integrated into Eastwood's Single-Stage Urethane color for increased gloss and protective qualities. When combining the two systems, be sure to activate each side (paint and clear) separately, with their own activators at the correct mix ratios, before blending.

** Please note: Certain metallic colors should be applied with a clearcoat or a urethane candy topcoat, since the extra coarse aluminum used in those formulas will reduce the finished gloss when applied as single-stage paint.

** Please note: Some pearl colors must be applied over a ground coat, or a sealer.

These midcoat pearl colors will not provide complete hiding, so a uniform ground coat is required. Pure White will give the brightest, truest pearl effect, but users may want to experiment with different ground coat colors for a variety of effects.

DRY TIMES

Paint should be dust free within 10-15 minutes and tack-free within one hour (at 70°F). Recoat anytime after the previous coat has flashed, or before 18 hours. After 18 hours, paint should be abraded prior to recoating for proper adhesion purposes. Wait overnight before polishing. Wait at least 24 hours before striping and 48 hours before applying decals.

Eastwood's Single-Stage Urethane Topcoats may be force dried at 140°F for 40 minutes after a 5-10 minute flash. Allow sufficient time for vehicle to cool down following bake cycle.

All dry times are approximate, at 70°F. Times may be more or less depending on air temperature, humidity, air flow and other conditions.

POLISH

When used as a Single-Stage Urethane Paint, this coating may be wet-sanded and polished for increased depth and gloss like any other urethane topcoat. Care should be taken when cutting metallic colors to avoid disturbing aluminum flake.

Start by sanding the finish with 1500 grit to abrade the surface and remove any slight imperfections. Next, the entire surface with 2000 grit to remove the 1500 sand scratches.

Follow with a high-quality finishing compound, then a finishing glaze applied by hand, or with a variable-speed buffer.

CLEANUP

Make sure all containers are sealed tightly immediately after each use. Spray gun and equipment may be cleaned with a solvent Gun Wash, Eastwood's PRE, or Eastwood's aerosol injected gun cleaner (12846Z).

WARRANTY

All recommendations for the use of EASTWOOD products are based on tests and experience believed to be reliable. It is the responsibility of the purchaser to determine the suitability of this product for its intended use. Since the methods of use, conditions of application and the application itself are beyond the manufacturer's and seller's control, product warranty is restricted to replacement of defective materials only. No other warranty, written or oral, is expressed or implied.

EMERGENCY CONTACT

ONLY IN THE EVENT OF A CHEMICAL EMERGENCY INVOLVING A SPILL, LEAK, FIRE OR EXPOSURE, CALL CHEMTREC TOLL-FREE ANYTIME DAY OR NIGHT: 1-800-424-9300 (INTERNATIONAL – COLLECT: 202-483-7616).

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If you have any questions about the use of this product, please contact

The Eastwood Technical Assistance Service Department: 800.544.5118 >> email: techelp@eastwood.com

PDF version of this tech sheet is available online >> eastwood.com/50200ZPQmanual

The Eastwood Company 263 Shoemaker Road, Pottstown, PA 19464, USA

US and Canada: 800.345.1178 Outside US: 610.718.8335 Fax: 610.323.6268 eastwood.com

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