### 20 Series

**The Amazing, All-Purpose, Long Lasting Multi-Use Coating**

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### Recommended Basecoat Primer Colors for Each Zolatone 20-Series Color

- #20-02, White/White.............White
- #20-06, Black/Black ............Black
- #20-11, Apollo Gray ..........Gray
- #20-42, Hamlet Black ..........Black
- #20-45, Medusa Gray ..........Gray
- #20-54, Camille White .........White
- #20-59, Lilith Charcoal .......Black
- #20-63, Marble Stone .........White
- #20-64, Gray Stone ..........Gray
- #20-71, Onyx Black ............Black
- #20-72, Silver Gray ..........Gray
- #20-74, Basic Blue ..........Gray
- #20-75, Bright Red ..........Gray
- #20-77, Bright Blue ..........Gray
- #20-78, Dark Red .............Black
- #20-79, Jungle Camo ..........Black
- #20-80, Desert Camo ..........Black
- #20-82, Teal Green ..........Black
- #20-84, Midnight Blue .......Black
- #20-85, Emerald Green .......Black
- #20-86, Harvest ..........White
- #20-87, Char Brown .........Gray
- #20-88, Admiral Blue .......Gray
- #20-89, Bright Yellow .......White

**Note:** The colors shown in this catalog are a close approximation of the actual sprayout of the Zolatone colors. They are produced by 4-color process printing (lithography.) Slight color variations are to be expected because of the many variables encountered; such as lighting, surface texture and conditions, application techniques, equipment used, and limitations of the printing process.
Zolatone 20 is the perfect OEM and re-finish product because of its great looks, camouflage ability, ease of application, and substrate versatility. Zolatone 20 is ideally suited for applications into or onto:

- Aluminum and fiberglass boat interiors.
- Truck beds and boxes.
- Interior compartments on fire trucks, ambulances, utility trucks, safety vehicles, and armored cars.
- Industrial equipment.
- Aircraft or bus interiors and compartments.
- Light fixtures, furniture, and shelving.

With Zolatone’s substrate versatility, your imagination is the product’s only limitation. This attractive, cost effective, and durable coating provides a fabulous look on a variety of surfaces; including ferrous metals, aluminum, plastics, fiberglass, wood, ceramic, and glass.1

**The Perfect OEM Finish**

With Zolatone’s substrate versatility, your imagination is the product’s only limitation. This attractive, cost effective, and durable coating provides a fabulous look on a variety of surfaces; including ferrous metals, aluminum, plastics, fiberglass, wood, ceramic, and glass.1

**A Dependable Low Maintenance Coating.**

Zolatone’s durable finish requires no special maintenance and can be washed and waxed just like paint. Zolatone resists many common solvents. Most soiled areas are easily cleaned up.

**Zolatone Can Be Spot Repaired**

Over time, even a durable coating like Zolatone, with its unique properties, can eventually be damaged. However, its formulation allows for repairs and maintenance without extensive preparation. Simply clean up the damaged area with a wax and grease remover, re-prime, if necessary; then spray Zolatone and allow to dry. In most instances, it can be repaired in the field. When dry, Zolatone both blends in and adheres to itself with virtually no visible repair marks; another time and cost savings benefit.

**Added protection against scratches, nicks, scrapes, and rust.**

Zolatone is a durable coating that resists wear from abrasion, scratching, and chipping in normal everyday use. Far tougher than regular paint, Zolatone offers you one of the most unique and dependable coatings available today!

Zolatone, when used with Zolatone Z91 Basecoat Primer-Sealer, can also help protect against rust and oxidation. With the abrasion and chip resistance of Zolatone, it will be difficult for rust to get started.

**Looks good far longer than other coatings.**

Long after regular paint has faded, scratched, or chipped off, a Zolatone finish still looks great. And, Zolatone’s multi-colored, textured surface provides a very unique benefit. It fools the eye so that dents, dings, sanding scratches, weld marks, and other defects in the metal seem to disappear! Even the beat up beds of old work trucks can look terrific with Zolatone.

1Generally, this product is compliant with local Air Quality Management Districts. Users are ultimately responsible for determining applicable regulatory requirements. Consult with local regulatory agency for allowable usage conditions and disposal methods.
Intermix Color Blend Program

Increase Your Color Palette Easily and Affordably

Zolatone’s unique Intermix Program gives you the flexibility to provide your customers with the widest range of textured, multicolored coatings ever! Zolatone has always offered a continuously updated standard palette of the most popular colors. Now we’ve more than tripled our color offerings with the new Intermix Program. This exciting program provides you with a huge variety of new color combinations through the “intermixing” of standard Zolatone colors. You now have the freedom to create an entirely new multicolor with the Zolatone colors that you have in stock.

Our Intermix Color Deck shows you examples of what to expect. Zolatone provides you with a color deck showing you 54 of the 400 possible color combinations in the new Intermix Color Blend Program. Simply pick the new color combination you want. Of course, you’re welcome to experiment; you may mix any combination of standard Zolatone 20 colors. Our examples are a 1 to 1 mixture by liquid volume; but to develop your own Signature color blend, you may change the mixture ratios to easily develop fabulous custom colors.

The colors shown on these pages are blended on a one-to-one basis. Always mix both colors thoroughly before blending.

Note: The colors shown in this catalog are a close approximation of the actual Zolatone colors. Slight color variations are to be expected because of the many variables encountered such as lighting, surface texture and conditions, application techniques, equipment used, and limitations of the printing process.
The Possibilities are Endless...The Profits are Real!
Zo-Epoxy Primer-Sealer for Metals and Plastic

9271 Zo-Epoxy Primer-Sealer is a very fast dry, fast curing epoxy primer that has very good corrosion resistance and adhesion. This primer is designed for use over properly cleaned and sanded or etched aluminum, properly cleaned and sanded steel, clean deoxidized galvanized steel, properly cleaned and sanded stainless steel, properly cleaned and sanded fiberglass/SMC, all other cured primers and paints, as well as automotive plastics (except polyethylene.) Zo-Epoxy Primer-Sealer can be top coated with all topcoat finishes, including acrylic lacquer. For more information see the 9271 Technical Data Sheet.

FEATURES:
- May be topcoated in 30-60 minutes
- Good corrosion resistance in harsh environments
- Good humidity resistance
- Excellent color holdout
- Superior adhesion to sanded bare steel, sanded fiberglass and etched or sanded aluminum
- Economical price
- Tintable

IMPORTANT TIPS:
When Zolatone 20 Series is sprayed on top of Zo-Epoxy Primer-Sealer (after app. 30 minutes), the two products develop excellent inter-coat adhesion improving durability and moisture resistance. If spraying light colored Zolatone colors, allow a slightly longer dry time (45 minutes) on the Zo-Epoxy Primer-Sealer. This will prevent yellowing of the light colored Zolatone colors.

Technical Information

Application: Mix 1 part 9271 Zo-Epoxy Primer-Sealer with 1 part 9271-000C Zo-Epoxy Primer Catalyst. Spray catalyzed primer at 40-50 P.S.I. air pressure. Apply 1 to 2 wet coats. Allow 10 to 15 minutes dry time between coats. Dry film should be .75 to 1.0 mil. Allow 30-60 minutes dry time before topcoating. Thinner coats will reduce dry time before top-coating. Zo-Epoxy Primer can be top coated with all finish coatings.

Technical Data:
- Mix Ratio 1:1
- Pot Life 2 Hours @ 70° F, 50% RH
- Number of Coats 1-2 Medium Wet
- Gun Set-Up Gravity Feed 1.4 -1.8 mm
- HVLP Pressure 10 PSI (max)
- Conventional Pressure 30-35 PSI
- Flash Point: 23°F
- V.O.C.: Mixed/Sprayable: 2.70 lbs./gal. (324 g/l), Limit 5.0, Actual RTS V.O.C. 2.65 , % Solids RTU by Weight 36%
- Theoretical Coverage: Coverage ft²/gal. @ 1 mil: 409; calculated using medium speed activator and/or reducer.
- Dry Time: Flash Time 10-15 min. Recoat w/o Sanding 30-60 min. To Sand 70°F (21°C), 50% RH 30 min. Force Dry 20 min. @ 140° F
- Infrared Dry 10-15 min. @ 18-36 inches.

Generally, this product is compliant with local Air Quality Management Districts. Users are ultimately responsible for determining applicable regulatory status. Consult with local regulatory agency for allowable usage conditions and disposal methods.

Part No. | Description
--- | ---
9271-0001-QT | Zo-Epoxy Primer-Sealer, White, Quart
9271-0001-1G | Zo-Epoxy Primer-Sealer, White, Gallon
9271-0081-QT | Zo-Epoxy Primer-Sealer, Gray, Quart
9271-0081-1G | Zo-Epoxy Primer-Sealer, Gray, Gallon
9271-0006-QT | Zo-Epoxy Primer-Sealer, Black, Quart
9271-0006-1G | Zo-Epoxy Primer-Sealer, Black, Gallon
9271-000C-QT | Zo-Epoxy Primer-Sealer, Catalyst, Quart
9271-000C-1G | Zo-Epoxy Primer-Sealer, Catalyst, Gallon
ZOLATONE® is a one-component, water based, low VOC, rust inhibiting, non-sanding basecoat primer and sealer. ZO-FERRO® metal primer-sealer offers corrosion protection on metal surfaces which helps vehicles retain their anti-corrosive structural integrity. Made specifically for use with Zolatone 20 coatings, ZO-FERRO® metal primer sealer is intended for previously painted surfaces; however, it is acceptable to use on prepared bare aluminum.

Technical Data:
- Weight: 1.3 pounds/gallon.
- 59.46% solids by weight. 44.5% solids by volume. (Approx.)

Technical Information
Application: Apply by spray only. Apply one medium wet coat at 50 lbs. pressure at the gun. Clean with water immediately while wet; lacquer thinner after dry. Do not allow to dry in the gun.

Technical Data: 59.46% solids by weight. 44.5% solids by volume. (Approx.)
- Weight: 11.3 pounds/gallon. Flash Point: Water based, not applicable.
- V.O.C.: Coating less water - 98.4 max. gms/liter; 0.82 lbs./gal.
- Material with water - 51.6 max. gms/liter; 0.43 lbs./gal.
- Theoretical Coverage: Approx. 350/400 sq. ft./gal. depending upon surface roughness and method of application. Dry Time: Tack free 15-30 min.; one hour to recoat at 70° fahrenheit and 50% humidity.

Z91 Zo Ferro Basecoat Primer-Sealer for Metal
ZO-FERRO® is a one-component, water based, low VOC, rust inhibiting, non-sanding basecoat primer and sealer. ZO-FERRO® metal primer-sealer offers corrosion protection on metal surfaces which helps vehicles retain their anti-corrosive structural integrity. Made specifically for use with Zolatone 20 coatings, ZO-FERRO® metal primer sealer is intended for previously painted surfaces; however, it is acceptable to use on prepared bare aluminum.

VOC compliant and ISOYANATE FREE, non-sanding ZO-FERRO® is ready to use; but may be reduced if needed with water not to exceed 5% (1.5 oz. per quart or 6 oz. per gallon.) ZO-FERRO® provides excellent adhesion and flexibility over virtually all types of ferrous metal surfaces and aluminum for both interior/exterior use. Metal surfaces can be primed ahead prior to painting.

Technical Information
Application: Apply by spray only. Apply one medium wet coat at 50 lbs. pressure at the gun. Clean with water immediately while wet; lacquer thinner after dry. Do not allow to dry in the gun.

Technical Data: 67% solids by weight. 52% solids by volume. (Approx.)
- Weight: 10.1 pounds/gallon. Flash Point: 24° F TCC. V.O.C.: Coating and Material - 400 max. gms/liter; 3.33 lbs./gal. (Approx.)
- Theoretical Coverage: Approx. 325-525 sq. ft./gal. depending upon surface roughness, porosity, and method of application. Dry Time: Tack free 30-60 min.; 1-2 hours to recoat at 70° fahrenheit and 50% humidity. Must be recoated within 48 hours for proper adhesion.

NOTE: Generally, this product is compliant with local Air Quality Management Districts. Users are ultimately responsible for determining applicable regulatory status. Consult with local regulatory agency for allowable usage conditions and disposal methods.

Z98 Zo Multi Basecoat Primer-Sealer Solvent Based
ZO-MULTI® is a high performance, bond coat, fast drying, flexible, non-sanding primer and sealer. This ZO-MULTI primer-sealer is a modified alkyd resin formulation with an extremely high solids content for excellent adhesion over a wide variety of difficult surfaces. Made specifically for use with Zolatone 20 coatings, Z98 ZO-MULTI is designed to adhere tenaciously to dense, non-porous surfaces. Can be used in exterior or interior applications on plywood, tile, masonite, non-ferrous metals, and plastics.

Technical Information
Application: Apply by spray only. Apply one medium wet coat at 50 lbs. pressure at the gun. Clean with water immediately while wet; lacquer thinner after dry. Do not allow to dry in the gun.

Technical Data: 11.04 pounds/gallon. Flash Point: 24° F TCC. V.O.C.: Coating less water - 91.2 max. gms/liter; 0.76 lbs./gal. Material with water - 43.2 max. gms/liter; 0.36 lbs./gal. Theoretical Coverage: Approx. 350/400 sq. ft./gal. depending upon surface roughness, porosity, and method of application. Dry Time: Tack free 15-30 min.; one hour to recoat at 70° fahrenheit and 50% humidity.

Z97 Zo Multi Basecoat Primer-Sealer Water Based
ZO-MULTI® is a one-component, bond coat, water based, fast drying, flexible, non-sanding primer and sealer. ZO-MULTI primer-sealer is formulated with a 100% acrylic resin for excellent adhesion over a wide variety of surfaces. Made specifically for use with Zolatone 20 coatings, ZO-MULTI is intended for use as a primer-sealer and barrier coat over plastics, fiberglass, woods, and glass.

VOC compliant and ISOYANATE FREE, non-sanding ZO-MULTI is ready to use with no reducing or thinning needed. ZO-MULTI provides excellent adhesion and flexibility for both interior/exterior use.

Technical Information
Application: Apply by spray only. Apply one medium wet coat at 50 lbs. pressure at the gun. Clean with water immediately while wet; lacquer thinner after dry. Do not allow to dry in the gun.

Technical Data: 55.56% solids by weight. 44.44% solids by volume. (Approx.)
- Weight: 11.04 pounds/gallon. Flash Point: Water based, not applicable.
- V.O.C.: Coating less water - 91.2 max. gms/liter; 0.76 lbs./gal. Material with water - 43.2 max. gms/liter; 0.36 lbs./gal. Theoretical Coverage: Approx. 350/400 sq. ft./gal. depending upon surface roughness, porosity, and method of application. Dry Time: Tack free 15-30 min.; one hour to recoat at 70° fahrenheit and 50% humidity.

Z97 Zo Multi Basecoat Primer-Sealer Water Based
ZO-MULTI® is a one-component, bond coat, water based, fast drying, flexible, non-sanding primer and sealer. ZO-MULTI primer-sealer is formulated with a 100% acrylic resin for excellent adhesion over a wide variety of surfaces. Made specifically for use with Zolatone 20 coatings, Z98 ZO-MULTI is designed to adhere tenaciously to dense, non-porous surfaces. Can be used in exterior or interior applications on plywood, tile, masonite, non-ferrous metals, and plastics.

Technical Information
Application: Apply by spray only. Apply one medium wet coat at 50 lbs. pressure at the gun. Clean with water immediately while wet; lacquer thinner after dry. Do not allow to dry in the gun.

NOTE: When used on some woods, there may be raising of the grain. It is advisable to coat a small section of wood to determine whether ZO-MULTI can be used without any problems.

Technical Data: 55.56% solids by weight. 44.44% solids by volume. (Approx.)
- Weight: 11.04 pounds/gallon. Flash Point: Water based, not applicable.
- V.O.C.: Coating less water - 91.2 max. gms/liter; 0.76 lbs./gal. Material with water - 43.2 max. gms/liter; 0.36 lbs./gal. Theoretical Coverage: Approx. 350/400 sq. ft./gal. depending upon surface roughness, porosity, and method of application. Dry Time: Tack free 15-30 min.; one hour to recoat at 70° fahrenheit and 50% humidity.
NEW! Quick Step Catalyst for Zolatone 20-Series

9251-000C Quick Step Catalyst is specifically formulated to use with Zolatone 20 Series (Automotive, Industrial & Marine) multicolor products to enhance water and chemical resistance without sacrificing adhesion or impact resistance. Zolatone 20-Series with Quick Step Catalyst is designed for use over ferrous metals, nonferrous metals, fiberglass, plastic and woods etc. Use of appropriate surface preparation methods and primer(s) will be necessary. The use of this catalyst is optional, and is to be used only if higher performance of Zolatone 20 Series multicolor is desired.

Technical Information

Application:
Over properly prepped and primed surface; Select the proper primer/scaller base color for the Zolatone finish color. Refer to the Zolatone 20-Series pages or page 2 of the Quick Step Catalyst Technical Data Sheet. Use a pressure pot system with a conventional or HVLP spray gun with a fluid tip of .080 to .090 inch or 2.0 to 2.4 mm. Apply Zolatone in a two step process. Sheer Coat followed by Pattern Coat. Sheer Coat: Spray gun 12 inches from surface with fluid needle valve nearly in the closed position. Conventional Gun Air Pressure: 50-60 psi. HVLP Gun Air Pressure: 40-50 psi. Pot/Fluid Pressure: 10 psi (assumes 2 liter pressure pot is used) Pattern Coat: Total film thickness not to exceed 8 mils wet film thickness. Spray gun 24-36 inches from surface with fluid needle valve opened one turn from step above. Conventional Gun Air Pressure: 20-30 psi. HVLP Gun Air Pressure: 20-30 psi. Pot/Fluid Pressure: 10 psi (assumes 2 liter pressure pot is used) Please see the Zolatone 20 Series pages for more technical application and technical information!

Technical Data:
Mix Ratio 16:1. Pot Life at 70°F 50% RH: Maximum 8 Hrs.
Flash Point: 23°F

Dry Times:
Air Dry - To Touch – 2 hours air dry at 70°F and 50% humidity. To Use – (light) overnight. Full Cure – achieved in 5-7 days. Tape Free – overnight.
Force Dry: Force dried at 140°F in 30-60 minutes. Allow 30 minutes flash time if using force air or baking. Can be clear coated (optional) after cooling.

Contains Isocyanates. Read each MSDS and Technical Data Sheet thoroughly before using. Follow all personal protective information completely. For professional and industrial use only.

Part No. Description
9251-000C-HP Quick Step Catalyst for Zolatone 20 Series

NEW! Zo-Urethane Clear Coat

9273 Zo-Urethane Clear Coat is a premium water-clear, high production coating that is compatible with Zolatone 20-Series as well as all acrylic and polyester color systems. This unique clear coat can be applied as a 2.1 VOC coating for compliance in all areas.

Features:
- Brilliant high gloss
- Easy to spray
- Economical price.
- High production: dust free in 5 minutes.
- Compatible with Zolatone 20-Series and all acrylic and polyester basecoats.
- Simple 2:1 mix ratio with optional 5-10% reduction.
- Very versatile activator selection for different temperatures and spray preferences.

Technical Information

General Application Information: Mix 2 parts 9273 Zo-Urethane Clear Coat with 1 part 9273 Zo-Urethane Catalyst. Spray catalyzed clear at 45-50 P.S.I. air pressure. Apply 1 or 2 wet coats. Allow specified dry time before sanding. May be applied over Zolatone 20-Series as well as all acrylic and polyester basecoats. Mix Ratio 2:1. Catalyst Options: Regular Catalyst (9273-21RC-QT, 9273-21RC-PT) Temperature Range 65°-75°F, Slow Catalyst (9273-21SC-QT, 9273-21SC-PT) Temperature Range 75°-85°F, X-Slow Catalyst (9273-21XS-QT, 9273-21XS-PT) Temperature Range 85°-95°F. Please note that for weather conditions of 95°F and up, add 1oz. of Zo-Urethane Retarder. 9273-URET-QT, to ready to spray cup. Pot Life 90 minutes @ 70°F 50% RH. Number of Coats 1-2 Wet. Gun Set-Up: Gravity Feed or Siphon 1.3 -1.5 mm, HVLP 1.3-1.4 mm. HVLP Pressure 10 PSI (max). Conventional Pressure 45-50 PSI

Technical Data:
V.O.C.: Mixed/Sprayable: 2.04 lbs./gal. (244 g/l), calculated using regular catalyst with no reducer.
Flash Point: 76°F
Theoretical Coverage: Coverage ft²/gal. @ 1 mil: 634.
Dry Time: Flash Time 5 min. Recoat overnight when air dried, after cool down for express dry. To Sand 4-6 hours when air dried, after cool down for express dry. Force Dry 15 min. @ 130°F

Contains Isocyanates. Read each MSDS and Technical Data Sheet thoroughly before using. Follow all personal protective information completely. For professional and industrial use only.

Part No. Description
9273-0090-QT Zo-Urethane Clear Coat, Quart
9273-0090-1G Zo-Urethane Clear Coat Gallon
9273-21RC-QT Zo-Urethane 2.1 Reg Catalyst, Quart
9273-21RC-PT Zo-Urethane 2.1 Reg Catalyst, Pint
9273-21SC-QT Zo-Urethane 2.1 Slow Catalyst, Quart
9273-21SC-PT Zo-Urethane 2.1 Slow Catalyst, Pint
9273-21XS-QT Zo-Urethane 2.1 X-Slow Catalyst, Quart
9273-21XS-PT Zo-Urethane 2.1 X-Slow Catalyst, Pint
9273-URED-QT Zo-Urethane Grade Reducer, Quart
9273-URED-1G Zo-Urethane Grade Reducer, Gallon
9273-URET-QT Zo-Urethane Retarder, Quart
Zo-Pol Epoxy Clear Coat

ZO-POL® Epoxy Clear Coat is a two-component, chemically converting epoxy resin clear coat. It has a high gloss and is extremely durable. Zo-Pol has the chemical resistance of normal epoxies; but is unique in that it is relatively non-yellowing. It is highly resistant to impact, abrasion, hard usage, and mechanical abuse. Zo-Pol Epoxy Clear Coat is the intended topcoat for the Zolatone multi-stage system and should be used in interior areas or compartments only. Low VOC and Isocyanate Free, Zo-Pol Epoxy is impact and abrasion resistant, chemical resistant, and extremely durable.

Part No. Description
810-QT Zo-Pol Clear Epoxy Kit, Quart
810-1G Zo-Pol Clear Epoxy Kit, Gallon
Note: Each kit includes both the A & B portions of the two-part epoxy.

Technical Information

Application: Allow Zolatone to air dry overnight or bake at 140°F for 35 minutes (allow 15 minutes cool down time) before clear coating. Apply by spray only. Apply a medium wet coat at 55 lbs. air pressure. Allow 15 minutes flash time; apply second wet coat. Clean equipment immediately with lacquer thinner. Do not allow material to dry in the gun.

Technical Data:
810A - 56% solids by weight, 39% by volume. 810B - 74% solids by weight, 65% by volume. Combined Mix - 65% by weight, 54% by volume. (Approx.)


Z891 Peelable Booth Coating

Keeping your spray booth free from overspray build-up has never been so easy. Zolatone Z891 water based Peelable Booth Coating is formulated to protect metal spray booths from paint overspray by resisting the solvents used in these paints. The unique “easy-peel” formula provides controlled adhesion for normal handling and operation of the spray booth without damaging the surface; yet permits easy peeling when desired. The glossy white color of Zolatone Booth Coating gives a uniform reflection to help eliminate shadows when painting.

Part No. Description
Z891-1G Peelable Booth Coating, 1 Gallon
Z891-5G Peelable Booth Coating, 5 Gallon

Technical Information

Application: Apply by brush, roller, or spray. A heavy coat is required. For metal booths only. Clean with warm, soapy water while still wet.

Technical Data:
27% non-volatile by weight. 14.5% non-volatile by volume. (Approx.)

- Weight: 10 pounds/gallon. Flash Point: Not applicable.

- V.O.C.: Coating less water - 63 max. gms/liter; 0.53 lbs./gal. Material with water - 27 max. gms/liter; 0.23 lbs./gal.

Theoretical Coverage: Approx. 200 sq. ft./gal. depending upon surface porosity, roughness, and method of application.

Dry Time: Dust free 30-45 min., one hour to recoat, and 2 hours to use at 70° fahrenheit and 50% humidity.

Zolatone Power Spray Kit

Perfect for applying Zolatone on small objects or touching-up any Zolatone coating application, the Power Spray Kit (Spratool) is convenient and easy to use. Simply pour Zolatone into the plastic Power Spray Jar using a funnel or small dip cup. Attach jar to Power Sprayer assembly with propellant can and you’re ready to go. The new red spray nozzle has been designed specifically for Zolatone coatings. The Power Spray Kit includes enough propellant to cover approximately 14 square feet (depending on distance from object, number of coats, and precise pattern desired.) Replacement cans of propellant are available; so you can use the Power Spray Kit over and over.

Part No. Description
8209 Power Spray Kit (Spratool)
8211 Replacement Propellant Can
**Product Description:**
ZOLATONE 20 is a polychromatic, modified nitrocellulose coating with a flat background color under accenting fleck colors. This coating system provides an unusual decorative and camouflaging effect that is also durable, flexible, and simple to maintain and repair when needed. Please see page 3 of this catalog for further information.

**Uses:**
ZOLATONE 20 is designed for use with Zolatone basecoat primers over ferrous metals, fiberglass, plastic, woods, ceramic tile, and glass.

**Benefits:**
V.O.C. compliant, ISOXYNATE AND LEAD FREE. No special spray equipment is needed. Excellent adhesion and flexibility over properly primed surfaces. Ready to use, no reducing or thinning needed. Can be both clear coated and painted over.

**Application:**
Apply by spray only. Do not use airless spray equipment. See product label or page 11 of this catalog for detailed spray instructions.

**Mixing:**
Stir only; do not shake. Please see special mixing instructions on page 11 of this catalog.

**Technical Data:**
- 23% solids by weight. (Approx.)
- 14% solids by volume. (Approx.)
- Weight: 8.38 lbs./gal.
- Flash Point: 71.6° F (TCC)
- V.O.C.: Coating less water - 680 gms/liter; 5.66 lbs./gal. Material with water - 483 gms/liter; 4.03 lbs./gal. As a multi-stage coating with 810 A & B Clear Coat, V.O.C. coating less water 480 gms/liter; 4 lbs./gal.
- Coverage: Up to 125-175 sq. ft/gal depending on substrate, particle size, color, and application method.
- Flash Point: 71.6° F
- Pencil Hardness:
  - ASTM D3363, 48 hrs. - F; 2 weeks - H-2H,
- Color Stability/QUV Weather Meter Exposure:
  - 1,000 hrs. - no color change, >95% gloss retention; 2,000 hrs. - very slight color change, >90% gloss retention; 3,000 hrs. - slight color change, >70% gloss retention.
- Cross Hatch Adhesion:
  - ASTM D3359, Method B 4B - pass.
- Abrasion Resistance:
  - ASTM D4060 (Taber abraser) CS10 wheel/1,000 gms./1,000 cycles 112 mgm. loss w/o clear, 68 mgm. loss w/ clear; CS17 wheel/1,000 gms./1,000 cycles 197 mgm. loss w/o clear, 112 mgm. loss w/clear.
- Impact Resistance:
  - ASTM D2794 Direct at 80 in/lbs. - pass.
- Flexibility:
- Solvent Resistance:
  - ASTM D5402 (10 double rubs) Gasoline - no effect; Diesel - no effect; Oil - no effect; Xylene - no effect.
- Salt Spray Resistance:
  - ASTM B117 (250 hrs), slight stain on scribe, slight stain on field, no blister on scribe, no blister on field, no rust.
- Chemical Resistance:
  - ASTM D1308 (24 hr. covered contact) 10% Hydrochloric acid - slight stain, no damage to film; 10% Sulfuric acid - no effect; 10% Acetic acid - no effect; 10% Phosphoric acid - no effect; 10% Sodium hydroxide - swelling of film; 10% Ammonium hydroxide - no effect; 10% Iodine - no effect; Antifreeze - no effect; Human blood - no effect.

1 Generally, this product is compliant with local Air Quality Management Districts. Users are ultimately responsible for determining applicable regulatory requirements. Consult with local regulatory agency for allowable usage conditions and disposal methods.
2 A.Q.M.D. approved automotive spray equipment.
3 Please see special mixing instructions on page 11.
4 Over properly prepped and primed steel panels using X.I.M. 3.5 Epoxy Primer, Zolatone Z91 Basecoat Primer Sealer, Zolatone 20 Series. All other tests conducted on aluminum panels using Zolatone Z91 Basecoat Primer Sealer, Zolatone 20 Series.
Frequently Asked Questions

Can Zolatone 20 Series Multicolor be used underwater? No, not even with clear topcoat. Zolatone 20 Series was never designed for applications that require continuous contact with water.

Can Zolatone 20 Series be sprayed on fiberglass without a primer? No, use either Zo-Epoxy Primer-Sealer, Z91, Z97, or Z98 basecoat. Zolatone generally works best on the rough textured side of the fiberglass instead of the gel coat side. May be necessary to sand first before priming.

Can we use an HVLP gun to spray Zolatone 20 Series? Yes, as long at it is used with a pressure system. Refer to the application guide for proper application methods.

The Zolatone 20 Series is not drying for a long period of time. Why? If too much material is sprayed and/or the humidity is very high, the material will take a long time to dry. Refer to the application guide.

Can we use an Automotive two-component Urethane clear on top of Zolatone 20 Series? Yes, once Zolatone 20 Series is air dried for 24 hours or force dried for 60 minutes. We recommend Zo-Urethane Clear Coat. See page 8.

Can Zolatone 20 Series be tinted to a desired color? Yes, as long as you use another Zolatone 20 Series multicolor product (Intermix Program.) Other manufacturer's colorants cannot be used.

Can a gravity spray gun be used to spray Zolatone 20 Series multicolor? No, a pressure spray system is required to insure the proper atomization of the product.

What is the highest temperature Zolatone "cured dry film" can reach before it is compromised? The temperature of Zolatone 20 Series should not exceed 175° F.

Can we use Zolatone 20 Series on Automotive etching primer? No, our Zo-Epoxy Primer-Sealer or Z91 basecoat primer-sealer should be sprayed over etching primer before using Zolatone 20 Series.

What kind of primer is recommended for bare metal such as cold rolled steel? An etching primer must be used followed by our Zo-Epoxy Primer-Sealer or Z91 basecoat primer. Then Zolatone should be applied.

What color basecoat primer sealer should I use under the colors in the intermix Color Blend Program? Lighter background colors should use white basecoat primer-sealer, and medium toned background colors should use gray basecoat primer-sealer. Dark background colors such as red, dark blue, and dark green should use black basecoat primer-sealer.

What is the best method to remove Zolatone 20 Series Multicolor? Media blast; 80 grit sandpaper on a DA sander works well too.
Understanding Zolatone Before You Start

How the Zolatone Process delivers its unique multi-colored, textured coating.

The Zolatone coating consists of 2 components; a background (or base) material and the color fleck. This color fleck (and the mechanism for delivering it) is highly unique and is part of the proprietary Zolatone Process. The color fleck also demands special handling and application techniques for successful use.

Zolatone’s color fleck material is sealed in a chemical capsule when it is manufactured. This capsule is opened up during the spraying process to create the textured, multi-colored Zolatone finish. It’s kind of like putting paint into tiny chemical balloons; and then dropping those little balloons to create a multi-colored look.

Since the color fleck capsules are designed to be opened up during the spraying process, product preparation (mixing) is critical. If Zolatone is mixed incorrectly or too vigorously, the color fleck capsules may rupture, allowing the color fleck to blend with the background color, or may adhere to each other, making the material too lumpy to spray. If Zolatone is not sprayed correctly the color flecks will not be opened and blended at the right time or in the right proportions. It’s really quite easy to apply Zolatone perfectly every time. But, for a Zolatone application to look like our color samples, it is necessary to follow our instructions completely.

Mix Zolatone Exactly Like This

When you first open a can of Zolatone you will probably see a layer of clear liquid that has separated and risen to the top of the can. You may actually see the contents of the can moving on their own. Don’t be alarmed. Zolatone is a specialized chemical coating which is active, not an ordinary paint.

As you can see in the drawing, the color flecks always remain in suspension and do not adhere to each other. A gentle stirring will redistribute the color flecks throughout the background material. To keep from breaking the color flecks during stirring and to insure proper fleck distribution, we ask that you follow this procedure exactly.

**Step 1**
Begin stirring gently at the top and around the sides of the can. Do not stir in the middle at this point!

**Step 2**
Gradually insert the stirring stick further into the can and more toward the middle. You may begin to GENTLY bump the mass of color flecks to help redistribution.

As you continue to stir gently around the sides of the can, gradually insert the stick farther into the can and more toward the middle. Do not push the stir stick through the mass of color flecks!

**Step 3**
Continue to insert the stirring stick further into the material as you stir gently with a more up and down motion. By the time you reach the bottom of the can with the stirring stick, the color flecks and the background material should be thoroughly mixed.

Begin stirring gently at the top of the can and around the sides. This will start to mix the liquid while the motion of the background material begins to redistribute the color flecks.

- Do not use an agitator or shaker.
- You may “box” Zolatone by pouring it back and forth from one container to another after uniformly intermixing as described above.
  - Do not thin.
  - Do not reduce.
  - Do not strain.
  - Do not shake.
Choosing The Right Type Of Spray Equipment

Use a Pressure System.

Zolatone must not be used with an airless system.

Apply By Either:

A Pressure Feed Conventional Spray Gun or a Pressure Feed HVLP Spray Gun.

Fluid tip/needle must be a minimum of .080 to .090 inch or 2.0 to 2.4 mm. Any smaller size will break up the fleck size.

STOP

A pressure spray system is required to insure the proper atomization of the product. This insures continuous film integrity which in turn provides maximum adhesion and other high performance properties.

### Preparing the Surface

Before applying Zolatone 20, clean all surfaces with water and an abrasive body shop cleaner (such as Sem soap, 3M Prep & Blend, Presta Substrata, or similar products) using a maroon spong pad.

1. Sand with 180 grit paper using pressure. Do not leave any glossy areas.

2. Eliminate rust using a rust remover recommended for use with water-borne primers.

3. Mask off the surface.

4. Treat bare metal with an etching primer that is recommended for use with water-borne products.

### Primer Coatings

Select the proper Primer Sealer/Base Color for the Zolatone finish color. Refer to page 2 for correct color recommendations. Only Zolatone primers are manufactured to chemically interact with Zolatone 20 and are an integral part of the Zolatone application system. Use of primers other than the recommended Zolatone Primers may affect the durability and appearance of Zolatone 20.

Ready to mix and use. Mix 1 part 9271 Zo-Epoxy Primer-Sealer with 1 part 9271-000C Zo-Epoxy Primer-Sealer Catalyst.

Spray catalyzed 9271 at 40-50 P.S.I. air pressure. Apply 1 to 2 wet coats allowing 10-15 minutes dry time between coats. Dry film should be .75 to 1.0 mil.

Tack free in 15-30 minutes. When using 9271 Zo-Epoxy Primer-Sealer allow 30-60 minutes dry time before top coating.

Clean gun with soap and water while still wet. Follow cleaning by rinsing with solvent or gun cleaner.

### Zolatone Color Coat

The durable and decorative properties of the Zolatone System, “the promise of Zolatone”, is based on a 100% full-coverage coat application. Zolatone has the ability, and was designed, to deliver a 100% full-coat film, rather than a spatter effect commonly associated with other multi-color and textured coatings. If the substrate or primer coating is visible, coverage is inadequate. Only full-coat coverage insures that you receive all the qualities that are expected of the Zolatone Process.

Applying Zolatone 20 Series Multicolor with

### CONVENTIONAL & HVLP Pressure Fed Spray Guns

**First Step:**

Background/Sheer Coat.

9271 Zo-Epoxy Primer Sealer

Apply 1-2 wet coats of Zo-Urethane Clear Coat on top of Zolatone 20 Series or the Zolatone 20 Series/Quick Catalyst system.

Apply 1-2 wet coats of Zo-Urethane Clear Coat following proper dry times of Zolatone 20 Series before spraying. Suggest using 9273-XS (X-Slow Catalyst) if spraying large items or if baking will be desired. Refer to complete Zo-Urethane Clear Coat information on page 8.

DO NOT allow materials to dry in gun.

Use the same thinners and gun cleaners as you would with any other automotive paint products.

### Optional Catalyst and Clear

For any catalyzed Zolatone 20 Series system:

Thoroughly mix one half pint of 9251-000C Quick Step Catalyst into the Zolatone before spraying. Greatly increases water, chemical and abrasion resistance without sacrificing adhesion or impact resistance.

For a urethane clear coat Zolatone 20 Series system:

Use properly catalyzed 9273-0000 Zo-Urethane Clear Coat, follow proper dry times of Zolatone 20 Series before spraying. Suggest using 9273-XS (X-Slow Catalyst) if spraying large items or if baking will be desired. Refer to complete Zo-Urethane Clear Coat information on page 8.

DO NOT allow materials to dry in gun.

### Temperature and Humidity

#### Primer Sealer/Base Color

The ideal condition to spray the product is at 70°F and 50% relative humidity. This will allow for maximum adhesion to the surface. Since the product contains water, force drying at 120°F to 140°F for 15 minutes is highly recommended when relative humidity is above 75%.

#### Zolatone 20 Series Multicolor

To achieve the best adhesion and the maximum development of hardness and resistance properties, the product must be sprayed at or above 70°F and at or below 50% relative humidity. This product then should be flashed off for 30 minutes and force dried at 120°F to 140°F for 60 minutes. This allows a return to service without having to worry about rain or heavy usage. If air dried at proper temperature and humidity, avoid heavy usage and moisture for 24 hours.

If air dried at higher than 75% relative humidity, the best integrity of the film may not have been achieved and moisture may cause flecks to come off. Force drying is especially recommended if the air temperature is below 50°F and/or if the relative humidity is above 75%.
Tuff Rider Urethane Liner is a two-component sprayable urethane coating. Tuff Rider is water, solvent, chemical and abrasion resistant and also has excellent adhesion properties. It gives a tough, textured and glossy black finish.

Tuff Rider Urethane Liner is designed for use over ferrous metals, non-ferrous metals, fiberglass, concrete, plastic and woods, etc. Ferrous metals should first be cleaned and primed with an acid etch primer.

**FEATURES**

- Superior Abrasion Resistance
- Superior Dust Free Time
- High Gloss Level
- Excellent Chemical Resistance
- Easy Mixing
- Consistent Uniformity / Look
- Protects a Variety of Surfaces
- Easy to Apply with Schutz Style Gun

**TARGET MARKETS**

- Pick Up Truck Beds
- Utility Truck Mfg.
- Safety Truck Mfg.
- Trailer Mfg.
- Lift Gate Mfg.
- Tow Truck Mfg.
- Public Transportation Mfg.
- Recreation Vehicle Mfg.
- Boat Mfg.
- Ship Yards
- Marinas
- Amusement Parks & Rides
- Hunting Equipment Mfg.
- Metal Fabricators
- Utility Box Mfg.

FOR PROFESSIONAL / INDUSTRIAL USE ONLY
Before using, read all instructions thoroughly.
### COMPARISON TABLE

<table>
<thead>
<tr>
<th>CRITERIA</th>
<th>TUFF RIDER* URETHANE LINER BY ZOLATONE®</th>
<th>COMPETITIVE BRANDS (TYPICAL RANGES)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Taber Abrasion CS17 wheel</td>
<td>6 mg Loss</td>
<td>One Brand / 27 mg Loss One Brand / 36 mg Loss</td>
</tr>
<tr>
<td>1000 grams 1000 cycles</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEK Double Rub</td>
<td>Passed 100 No softening</td>
<td>One Brand / Passed 100 No softening One Brand / Failed 100 Softened</td>
</tr>
<tr>
<td>Dust Free Time</td>
<td>Less than 1 hour</td>
<td>One Brand / 1.5 hours One Brand / 3.0 hours</td>
</tr>
<tr>
<td>Pot Life</td>
<td>30 min. Very sprayable</td>
<td>One Brand / 15 min. max Difficult to spray One Brand / 30 min. Sprayable</td>
</tr>
<tr>
<td>Cross Hatch Adhesion on Bare Steel</td>
<td>Very Good (5B)</td>
<td>One Brand / Very Good (5B) One Brand / Poor</td>
</tr>
<tr>
<td>Reverse Impact</td>
<td>160 inch lb.</td>
<td>One Brand / 160 inch lb. One Brand / Failed 90 inch lb.</td>
</tr>
<tr>
<td>Catalyzed VOC</td>
<td>231 Grams/Liter</td>
<td>One Brand / 250 Grams/Liter One Brand / 276 Grams/Liter</td>
</tr>
<tr>
<td>Made in USA</td>
<td>Yes</td>
<td>One Brand / Yes One Brand / No</td>
</tr>
</tbody>
</table>

### EASY TO APPLY

- Clean Surface
- Sand Surface
- Mask Area
- Apply with Schutz Style Gun

### SPREAD RATE

- 40 – 50 sq. ft. per 2 quart kit depending upon substrate and application method.

### DRY TIMES

- Air Dry Times
  Dust Free: < 1 Hour
  To Touch: 1-2 Hours
  Before Exposure to Rain: 72 Hours
  Before Light Use: 72 Hours
- Force Dry
  Can be force dried at 140°F in 30-60 minutes. Allow 60 minutes flash time if using force air or baking.

VOC MIXED: 231 Grams/Liter

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>9239-QT</td>
<td>Tuff Rider Urethane Liner, Black (2 Qt. Kit)</td>
</tr>
<tr>
<td>9239-DGRY-QT</td>
<td>Tuff Rider Urethane Liner, Dk Gray (2 Qt. Kit)</td>
</tr>
<tr>
<td>9239-LGRY-QT</td>
<td>Tuff Rider Urethane Liner, Lt Gray (2 Qt. Kit)</td>
</tr>
<tr>
<td>TRGUN</td>
<td>Schutz Style Spray Gun</td>
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</table>
Merchandising Aids

Zolatone A.I.M Promotional Materials

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZSB</td>
<td>Master Catalog / Application Guide</td>
</tr>
<tr>
<td>SAPP</td>
<td>Pocket Application Guide</td>
</tr>
<tr>
<td>SPOP</td>
<td>Color Counter Display</td>
</tr>
<tr>
<td>STRI</td>
<td>Color Consumer Sales Brochure(Tri-fold used w/ counter display)</td>
</tr>
<tr>
<td>SVID</td>
<td>Application Video</td>
</tr>
<tr>
<td>ZCD</td>
<td>Color Deck</td>
</tr>
<tr>
<td>ZCP</td>
<td>Metal Color Panels</td>
</tr>
<tr>
<td>ZHB</td>
<td>Color Header Board</td>
</tr>
<tr>
<td>ZCLIP</td>
<td>Clip Art Sheet</td>
</tr>
<tr>
<td>ZMML</td>
<td>Marketing Materials Listing</td>
</tr>
</tbody>
</table>

Tuff Rider Promotional Materials

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRSS</td>
<td>Tuff Rider Sell Sheet (Tri-fold)</td>
</tr>
<tr>
<td>TRTDS</td>
<td>Tuff Rider Technical Data Sheet</td>
</tr>
<tr>
<td>TRAPPENG</td>
<td>Tuff Rider English Application Guide</td>
</tr>
</tbody>
</table>

Zolatone Merchandising Aids

The Zolatone A.I.M. Division has created hard hitting marketing materials that move product; point-of-purchase displays, posters, consumer brochures, color fan decks, paint samples on metal substrate, catalogs, and much much more. For more information contact your Zolatone distributor or your Zolatone representative.

For Product Information and Technical Assistance:
Please call the Zolatone Customer Service Department in Los Angeles, California.
Phone: (323) 269-9231 • 24 Hour FAX (323) 307-4111
www.zolatoneaim.com

Environmental Compliance:
See material safety data sheet (M.S.D.S.) and consult with local regulatory and environmental agencies for allowable usage conditions and disposal methods. See material safety data sheet (M.S.D.S.) and label instructions for safe and proper use of the products. When spraying Zolatone wear an appropriate, properly fitted respirator (NIOSH/MSHA approved) during and after application. Follow the manufacturer's directions for respirator use. Initial respirator cartridges and future replacements, should be approved by NIOSH/MSHA for paint mist. These cartridges must also be approved for dust, mist, and organic vapors. Follow the manufacturer's directions for cartridges.

Warranty Disclaimer:
We cannot reasonably anticipate or control the many and varying conditions under, or methods by, which our product may be used. Therefore, we do not guarantee the applicability or the suitability of this product in any individual situation, merchantability, or fitness for purpose. All purchasers and users of this product are hereby put on notice that any advice provided is not a warranty and is not to be relied upon. No one is authorized to make any representations or warranties relative to this product, including any and all sellers of this product. This product is sold WITHOUT WARRANTY, expressed or implied, and any claim of any kind is limited to the purchase price of this product.