

# ZOLATONE<sup>®</sup>

AUTOMOTIVE • INDUSTRIAL • MARINE

## ZOLATONE 20 SERIES



### DESCRIPTION

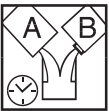
Zolatone 20 Series is a polychromatic, modified nitrocellulose coating with a flat background color under accenting fleck colors. This coating system provides an unusual decorative and camouflaging effect that is also durable, flexible and simple to maintain and repair when needed.

### PHYSICAL DATA

- Pot Life at 70°F: N/A
- Flash Point: 71.6 F (TCC)
- VOC Ready to Spray: 4.03 lbs/gal or 483 max grams/liter
- Coverage: Up to 125-175 sq. ft./gal depending on substrate, particle size, color, and application method.

### SUBSTRATES

Zolatone 20 Series is designed for use with Zolatone basecoat primers over ferrous metals, fiberglass, plastic, woods, ceramic tile etc.



### MIXING

Product comes ready to use. Stir only. Do not shake. Do not tint. Do not add water. Do not thin.



### APPLICATION

- Over properly prepped and primed surface; Select the proper primer / sealer base color for the Zolatone finish color. Refer to page 5 in the Zolatone Master Catalog or page 2 of this 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)



## **SUGGESTED APPLICATION EQUIPMENT**

Below is suggested application equipment.

<u>Item</u>	<u>DeVilbiss #</u>	<u>Sharpe #</u>	<u>Sata #</u>
HVLP Spray Gun	170161	5666	78147
2 Liter Pressure Pot	120033	7003	16733
Air & Fluid Hoses	220019	7130	19869
Air Adj. Valve	180006	1410	27771
Pot Liner	192025	N/A	N/A



## **DRYING**

### **Air Dry Times**

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.



## **BUFFING**

Not necessary.

## **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



## **TECHNICAL DATA & TEST RESULTS**

**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:** ASTM D522 Method A

1/8" conical mandrel - pass

**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



## **Safety**

Before using any Zolatone product be sure to read all MSDS, application instructions and warnings.

Always wear a properly fitted air purifying respirator with organic cartridges and a particulate filter or a fresh air supplied respirator (depending on product selection), eye protection, gloves and protective clothing while exposed to any chemical.



## **Warning Statement**

This product is intended for use by professionally trained painters only. Use as directed. The data presented herein was determined under our controlled conditions. Since environmental conditions play a large role in performance, variations in the data presented herein may be observed as environmental conditions change. This document does not constitute a warranty or guarantee of any kind.