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.

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

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)
C510 wheel / 1,000 gms. / 1,000 cycles
  112 mgm. loss w/o clear, 68 mgm. loss w/ clear
C517 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.