

# LIZARDSKIN OEM 350

Thermal Insulating Coating

Reduce heat transfer  
Keeps interiors cooler  
Prevents rust and corrosion

## Selection and Specification Data

<b>Product Name</b>	LizardSkin OEM 350-TIC
<b>Product No.</b>	350-TIC
<b>Description</b>	350-TIC is a composite ceramic insulation coating that provides an insulating barrier, protects personnel and blocks corrosion all in one application. The coating is specifically designed to be a multiple purpose coating, solving painting and insulating issues.
<b>Features</b>	<ul style="list-style-type: none"> <li>◆ Excellent thermal insulation at low thickness</li> <li>◆ Excellent personnel protection</li> <li>◆ Prevents Corrosion Under Insulation (CUI)</li> <li>◆ Provides condensation protection</li> <li>◆ Fast cure times</li> <li>◆ Low VOC Product</li> <li>◆ Easy application to irregular surfaces and tight spaces</li> </ul>
<b>Base</b>	Water-based acrylic insulation coating
<b>Gloss</b>	Flat
<b>Priming</b>	Self-priming over non-ferrous materials (stainless steel & aluminum). Primers required for carbon steel substrates.
<b>Topcoats</b>	Please consult LizardSkin OEM.
<b>Wet Weight</b>	6.4–6.5 lbs/gallon (0.77 kg/liter)
<b>Weight dry film to area</b>	0.046 lbs/ft <sup>2</sup> at 20 mils DFT (0.221 kg/m <sup>2</sup> at 0.50 mm DFT)
<b>Volume Solids Content</b>	78–80%
<b>Average Thickness per Coat</b>	20–22 mils WFT at 70°–130°F (0.5 mm WFT at 21°–54°C)
<b>Dry Coat Coverage</b>	50–55 ft <sup>2</sup> /gallon @ 20 mils (1.3 m <sup>2</sup> /liter @ 0.5 mm)
<b>VOC Content</b>	0.06 lbs/gallon (7.6 grams/liter)
<b>Limitations</b>	Applications should not exceed 350°F (176°C).
<b>Storage</b>	Do not subject wet coating in pail form to freezing conditions. Coating should be kept in a warehouse between 60°F and 90°F.

## Substrates & Surface Protection

<b>Surface Prep</b>	Surface should be dry and free of foreign matter. Clean with soap & water or acetone if necessary.
<b>Ferrous Surfaces</b>	Should be primed prior to application of 350-TIC. Since the coating is water-based, it is important to have a boundary layer of protection to prevent flash rusting.
<b>Non-ferrous Surfaces</b>	The coating can be applied directly to non-ferrous surfaces. Surface should be clean and free of any oil, dirt or other foreign matter.

## Application Equipment

Listed below are the general equipment guidelines for the application of this product.

<b>Airless Sprayer</b>	Pump Ratio:	33:1 or larger
	Output per Cycle:	290cc (Recommended)
	Volume:	1.5 gpm (5.7 lpm) or greater
	Hose:	3/8" or larger with no more than 3' of 1/4" whip. 1/2" hose recommended for length above 50'.
	Tip Size:	0.017" (for tight spots) 0.019–0.023" (Normal use)
	Pressure:	Minimum of 3000 PSI
	<i>*Consult with LizardSkin OEM for Recommended Equipment Guidelines.</i>	

<b>Small Spray Application</b>	Please consult LizardSkin OEM for the Small Application Sprayer. This sprayer is excellent for small applications and touch-ups.
<b>Brush or Roll</b>	Not recommended for this coating except on small areas only. Consult LizardSkin OEM for guidance.

## Application Conditions

<b>Surface Temperatures</b>	Surface temperatures for applications should be greater than 60°F (15°C). Lower surface temperatures will increase dry times.
<b>Applications</b>	<p><i>Ambient &amp; Cold (60°–139°F, 15°–59°C):</i> For temperatures (surface or ambient – whichever is lower), an initial tack coat is recommended of 10 mils (0.25 mm or 250 microns). This tack coat will help eliminate sag on vertical wall applications. Tack coat should be dry to touch prior to next pass. Typical coat thickness should not exceed 20–22 mils (0.5–0.55mm) wet. Coating can be reapplied after each coat is thoroughly dry.</p> <p><i>Hot (&gt;140°F, &gt;60°C):</i> Please consult LizardSkin OEM.</p>
<b>Application Thickness</b>	Product can be applied in successive coats to increase insulation ability.
<b>Dryfall</b>	Dryfall within a 3 ft radius.