

PPG DragonHide™ ZRE

Zinc-Rich Pretreatment + Cathodic Electrocoat System



Features

- Combination zinc-rich pretreatment and electrocoat topcoat finish
- Approved by most OEMs for 15-year corrosion requirements
- Sacrificial corrosion resistance helps enable lightweighting and thinner gauge steel to be used for underbody parts
- The finish does not significantly increase the onboard weight of an underbody component
- Total finish thickness is consistent with present requirements, so part attributes do not need to change
- Cathodic electrocoat topcoat maintains the color and functional properties of the part's coating, so the functional and appearance attributes do not change



Produces a true sacrificial and barrier finish for excellent corrosion resistance

The *DragonHide* ZRE coating system is a combination of PPG liquid SPECTRACRON® ZRC zinc-rich pretreatment and the industry recognized POWERCRON® cathodic electrocoat topcoat. This combination of finishes produces a true sacrificial and barrier coating that has been approved by most OEMs for 15-year corrosion requirements and other high-corrosion resistance applications.

The *Spectracron* ZRC pretreatment can be applied by spray, dip-drain and dip-spin applications to zinc-phosphate-pretreated substrates to achieve the best sacrificial protection.

The finish helps enable lightweighting of steel parts as well as use of thinner gauge steel to meet OEM standards for lower vehicle weight.

Typical Uses

- Automotive small parts, sub-frames and frames
- Farm equipment
- Appliance and refrigeration
- General industrial
- Heavy-duty equipment

| Product | Concentration | Cure Temperature | Application |
|---|-------------------------|-------------------------|------------------------------|
| <i>Spectracron</i> ZRC Liquid Basecoat | 22 to 26 sec. viscosity | 425 to 450° F | Spray, dip drain or dip spin |
| <i>Spectracron</i> Cathodic Electrocoat | 10 to 15% solids | Normal electrocoat cure | Immersion |