

# ZIRCOBOND® and X-BOND™

## Zirconium-Based Thin-Film Pretreatment System



### Features

- Liquid products for ease of handling and dispensing
- Deposits high-quality zirconium films at low application temperatures
- Prepares surfaces for optimum paint adhesion
- Specially formulated for mixed-metal applications
- High performance and compatibility with cationic electrocoats
- Creates minimal sludge
- Excellent control of iron when processing steel
- Easy-to-treat waste
- No post-rinse sealer is required

### Provides excellent corrosion-resistant pretreatment for mixed-metal surfaces

The *Zircobond* and *X-Bond* zirconium-based, thin-film pretreatment system is formulated to provide excellent corrosion resistance for steel, galvanized steel and aluminum substrates.

*Zircobond* pretreatment is designed to provide performance that is equivalent to zinc phosphate when protected with cationic electrocoat paints. Together, both coatings provide an excellent base for electrocoat, liquid and powder topcoats.

The process can be installed into most existing pretreatment lines without changing the process footprint or flow.

### Typical Uses

- Appliance and refrigeration
- Heavy-duty equipment
- Farm equipment
- Paint base for general industrial applications

Product	Concentration	Cure Temperature	Application
<i>Zircobond</i> 4200 SM/SR <i>X-Bond</i> 4000 SM/SR	2.5% / Volume	60-115° F	Spray
<i>Zircobond</i> 4200 DM/DR <i>X-Bond</i> 4000 DM/DR	3.0% / Volume	60-115° F	Immersion

