

EXTREME INDUSTRIAL ENVIRONMENTS

OVERVIEW

Coatings in high chemical, thermal, or mechanical stress environments require specialized systems designed to withstand harsh conditions while maintaining adhesion, chemical resistance, and surface integrity.

Application Guidelines

- **Product Selection:** Use high-performance Urethane Cement formulations rated for extreme exposure.
- **Surface Prep:** Mechanically profile, degrease, and remove contaminants.
- **Film Thickness & Layering:** Apply recommended thickness to resist chemical attack and mechanical wear.
- **Curing & QA:** Ensure full cure before exposure; conduct adhesion, hardness, and chemical resistance testing.

Best Practices

- Perform mock-ups under representative environmental conditions.
- Inspect and document performance periodically to predict maintenance.
- Adjust topcoat or additive selection based on exposure severity.