

CHEMICAL ATTACK & SURFACE DEGRADATION

OVERVIEW

Exposure to incompatible chemicals can erode coatings, discolor, or reduce mechanical properties.

Causes

- Spills of acids, bases, solvents, or industrial chemicals not compatible with coating.
- Extended exposure to high-moisture environments.

Correction & Prevention

- Identify and remove chemical sources.
- Clean affected area using manufacturer-approved methods.
- Apply protective topcoat or select higher chemical-resistance system if needed.

Best Practices

- Document chemical exposure conditions.
- Use mats or containment in high-risk areas.
- Schedule inspections to catch early signs of degradation.