

INSPECTION & SURFACE CONDITION MONITORING

OVERVIEW

Regular inspections detect wear, damage, or coating degradation early, allowing preventive maintenance or corrective action before failures occur.

Inspection Guidelines

- Conduct visual inspection monthly for scratches, delamination, or discoloration.
- Check high-traffic areas for abrasion or thinning.
- Evaluate slip resistance periodically.
- Record findings in maintenance log.

Best Practices

- Compare current condition to original installation photos or documentation.
- Implement corrective measures for minor damage immediately.
- Plan for partial or full recoating based on inspection results.

Spot repairs extend the service life of coatings without full replacement. Proper preparation and matching materials are critical for adhesion and appearance.

Repair Procedure

- Clean and abrade damaged area to remove loose or contaminated material.
- Apply primer if necessary.
- Feather edges of existing coating for smooth transition.
- Apply repair coat following manufacturer's application instructions.
- Allow full cure before returning area to service.

Best Practices

- Maintain inventory of matching repair materials.
- Document repairs for future reference.
- Avoid patching over moisture-contaminated areas.