



# EPOXY & RESINOUS FLOORING

## 1. SYSTEM SELECTION

- Thin-mil coating (cosmetic, light duty)
- High-build epoxy (commercial durability)
- Broadcast system (durability + slip resistance)
- Urethane cement (thermal shock / heavy duty)

## 2. MOISTURE CONDITIONS (*Critical*)

- ASTM F2170 RH testing required
- Acceptable RH threshold: \_\_\_\_\_ %
- Vapor barrier present  Yes  No  Unknown
- Moisture mitigation required  Yes  No

**Note:** Epoxy is not waterproof from below.  
Failure to define moisture conditions is the leading cause of system failure.

## 3. SURFACE PREPARATION

- Prep method defined:
- Grinding  Shot blasting  Scarification
- Required ICRI CSP level: \_\_\_\_\_

## 4. SYSTEM BUILD

- Total thickness: \_\_\_\_\_ mil
- Number of coats: \_\_\_\_\_
- Coverage rates defined  Yes  No

## 5. SLIP RESISTANCE

- Smooth finish
- Light broadcast
- Full broadcast
- Slip requirement specified: \_\_\_\_\_

**Note:** Increased texture reduces cleanability.

## 6. TOPCOAT & EXPOSURE

- Epoxy  Urethane  Polyaspartic
- UV exposure present  Yes  No

## SPECIFICATION RISK

Incomplete specifications can result in:

- Delamination and bond failure
- Improper system selection
- Increased lifecycle cost
- Warranty disputes