MOISTURE MITIGATION PRIMER APPLICATION GUIDELINES

OVERVIEW

Moisture mitigation primers are engineered to control excessive moisture vapor emission and create a stable bonding substrate for resinous flooring systems. Proper application is essential to ensure full permeation, film build, and moisture-blocking capability.

Surface Preparation Requirements

- CSP 3–5 depending on product.
- Remove all laitance, contaminants, and surface weak material.
- Ensure substrate is free of standing water.
- Pre-check dew point and temperature requirements.

Application Procedure

1. Mix materials thoroughly following exact A/B ratios.
2. Apply primer uniformly using squeegee/backroll method.
3. Ensure required WFT/DFT, 18 mils.
4. Allow full cure per manufacturer specs before topcoats.

Key Performance Expectations

- Reduce moisture vapor transmission to levels acceptable for subsequent coatings.
- Improve adhesion by saturating and stabilizing the concrete surface.
- Protect against osmotic blistering when properly installed.

Common Pitfalls

- Under-application leads to inadequate moisture control.
- Over-rolling can thin the film or expose pinholes.
- Applying in cold environments, <36° F, may prevent full cure.
- Applying over standing moisture reduces effectiveness.
- Do not thin, add pigment or broadcast into moisture mitigation primers.