

BLISTERING & BUBBLING

OVERVIEW

Blistering occurs when air or moisture trapped in the substrate escapes during cure, forming raised bubbles or voids.

Causes

- Elevated moisture vapor or hydrostatic pressure.
- Outgassing from porous substrates.
- Application over uncured primer or contaminants.

Correction & Prevention

- Remove affected coating and verify substrate moisture.
- Apply moisture mitigation primer if needed.
- Maintain proper film thickness and environmental conditions during application.

Best Practices

- Pre-test small areas for substrate outgassing.
- Avoid excessive airflow or direct sunlight during cure.