

EXPANSION JOINT TREATMENT & COATING INTEGRATION

OVERVIEW

Expansion joints accommodate substrate movement and must be properly integrated with coatings to prevent cracking, delamination, or coating failure.

Guidelines

- **Joint Sealant Compatibility:** Use flexible sealants compatible with resinous coatings.
- **Installation:**
 - Clean joint thoroughly; remove debris and dust.
 - Apply backer rod and sealant; allow full cure.
 - Overcoat edges with compatible primer or coating edge treatment.
- **Movement Accommodation:** Ensure coating bridges joint without restricting expansion/contraction.

Best Practices

- Map all joints before application; document locations.
- Perform adhesion and flexibility testing at mock-ups.
- Avoid coating over joint fillers not rated for traffic.
- Utilize expansion joints as termination points during application process when needed.