



SELF-LEVELING JOINT & CRACK SEALANT



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## MATERIAL PROCESSING & HANDLING INFORMATION

### 1. PRODUCT DETAILS

**Material:** SL/45  
**Material Type:** Self Leveling Joint and Crack Sealant  
**Application:** Concrete Cold Joints, Expansion Joints and Random Cracks  
**Application Process:** Low Pressure Plural Component Pump, Pneumatic, or Manual Caulking Gun, Static Mix

### 2. EQUIPMENT DETAILS

**Process Equipment:** **Pumps**

**AST:** PCH GMP-025  
PCH GMP-050  
PCH GMP-075

**Dispensing Gun**

**Albion:**

B26T600 (Manual)  
AT600 (Air Driven)  
E18T600 (Battery Driven) 18 volt

### 3. PROCESS DETAILS

**Process Temperature:** Ambient (70°F min. material temperature due to increase in viscosity and maximum 120°F)  
**Process Pressure:** 50 psi and greater  
**Mix Ratio:** 1:1  
**Tack Free:** ~20 minutes  
**Open to Light Foot Traffic:** 8 hours

### 4. APPLICATION DETAILS

**Moisture Content:** Joint should be visibly dry.

Concrete: 5% maximum as per ASTM F2170 & ASTM F2420

**Application Temperature:** 0°F to 130°F.

Note that SL/45 will cure at sub-freezing temperatures; however the effects from these conditions may impact the application in a variety of ways. It is recommended that material and equipment be maintained at 60°F or above. Frozen concrete substrates with high moisture content will affect material adhesion and long-term performance.

**Dew Point:** Substrate temperature must be 5°F above dew point and rising before installation of material.

**Surface Preparation:** Surface must be clean and free of dirt, dust, grease, oil, paint or other surface contaminants. Concrete surfaces must be sound and dry. Joints should be ground to remove dirt and surface laitance using a grinder with a diamond or carbon blade.

**Surface Application:** Sealant depth should be 1/2 the sealant width, but in no case make the depth greater than 1" in any joint configuration.

## 5. HANDLING DETAILS

	<b>Storage Temp.</b>	<b>Storage</b>	<b>Special Handling</b>
<b>'A' Side</b>	60°F min. 70° optimum	Keep dry. Keep from freezing. Store in covered temperature controlled environment if possible.	Use dry air dessicant for intake vent on drum.
<b>'B' Side</b>	60°F min. 70° optimum	Keep dry. Keep from freezing. Store in covered temperature controlled environment if possible.	Mix well with mixer to re-disperse any settled pigment.

**Safety:** Please consult product SDS for full details. Safety glasses, Rubber gloves, Protective clothing, Organic vapor or fresh air respirator.