



VersaFlex Incorporated
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Material Processing & Handling Information

Material: **SL/45**

Material Type: Self Leveling Polyurea 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

Process Equipment:	Pumps	Dispensing Gun
AST:	PCH GMP-025 PCH GMP-075	
Graco:	E-10 Reactor	K2
TAH Industries:		Series 400 Auto valve
Well Made:		3334 (Manual) AG250 (Pneumatic)
Process Temperature:	Ambient (40°F min material temperature due to increase in viscosity and maximum 120°F)	
Process Pressure:	50 psi and greater	
Mix Ratio:	1:1	
Pot Life:	3-4 Minutes	
Tack Free:	15 minutes	
Initial Cure:	2 Hours	
Full Cure:	7 days	
Moisture Content:	Joint should be visibly dry. Tramex Concrete Moisture Meter: 5% maximum	
Application Temperature:	-20°F and higher. Note that SL/45 will cure at these temperatures, but the effects from these conditions will impact the application in a variety of ways. It is recommended that material and equipment ambient temperatures be kept at 50°F or above. Frozen concrete substrates with high moisture content will affect coating adhesion and long-term performance.	
Dew Point:	Substrate temperature must be 5°F above dew point and rising before application of coating materials.	
Surface Prep:	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 Primer: Surfaces prone to constant water exposure should be primed with PW-1. Apply PW-1 at 2 to 3 wet mils: Single component primer. Maximum overcoat time: 24 hours, after which a light recoat is required (1 to 2 wet mils)

Sealant Application: Joint sealant depth will vary.

	Storage Temp	Storage	Special Handling
A Side	50°F min 70°F optimum	Keep dry. Keep from freezing. Store in covered temperature controlled environment if possible.	Use dry air desiccant for intake vent on drum.
B Side	50°F min 70°F 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 MSDS for full details.
Safety glasses, Rubber gloves, Protective clothing, Organic vapor or fresh air respirator.
