



VersaFlex Incorporated
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Material Processing & Handling Information

Material: LS/75

Material Type: Ambient Cure Spray Polyurea

Application: Low Pressure Polyurea Spray

Application Process: Low Pressure Plural Component Pump

Process Equipment:	Pumps	Dispensing Gun
AST:	PCH GMP-025 PCH GMP-050 PCH GMP-075	
Graco:	E-10 Reactor	K2
Spray Wand & Air Cap:	3/8" #7700920 Nordson	AG250 (Pneumatic)
	#7701282 Nordson	Albion B26T600 (Manual)
Process Temperature:	Ambient (60°F min. material temperature due to increase in viscosity and maximum 120°F)	
Process Pressure:	80-90 psi and greater	
Mix Ratio:	1:1	
Tack Free:	~6 minutes	
Open to Light Foot Traffic:	60 minutes	
Moisture Content:	Substrate should be visibly dry. Concrete: 5% maximum as per ASTM F2170 & ASTM F2420	
Application Temperature:	-20°F and higher Note that LS/75 will cure at sub-freezing temperatures, but the effects from these conditions may impact the application in a variety of ways. It is recommended that material and equipment ambient temperatures be kept at 60°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. Surfaces must be sound and dry.	

Surface Primer: Porous surfaces should be primed with **VersaFlex** VF-20. Apply VF-20 at 6 to 10 wet mils: Two-component primer. Maximum overcoat time: 72 hours, after which a light recoat is required.

Spray Application: Coating application varies with film thickness.

	Storage Temp	Storage	Special Handling
'A' Side	60°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	60°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.
