

# PURL-SJ40

## Two Part Polyurethane Slab Jacking Foam

<b>PRODUCT DESCRIPTION</b>	PURL-SJ40 is a Medium density rigid polyurethane slab jacking foam system designed to be a fast reacting structural foam that provides general purpose slabjacking properties.
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<b>INTEND USES</b>	PURL-SJ40 provides general purpose structural foam for concrete slab lifting and ground stabilization applications.
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<b>FEATURES</b>	<ul style="list-style-type: none"> <li>• Exceptional strength to weight properties</li> <li>• Fast reaction Times</li> <li>• High Compressive Strength</li> <li>• 1:1 mix ratio for standard Graco Equipment</li> </ul>
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PRODUCT DATA	Purl Part A		PURL SJ-40 Part B	
	Appearance	Brown	Appearance	Straw coloured
	Specific Gravity (25°C)	1.23 g/mL	Specific Gravity (20°C)	1.13 g/mL
	Viscosity Cps (25°C)	205 mPa.s	Viscosity Cps (20°C)	900 mPa.s

<b>MIXED PRODUCT DATA</b>	Mix Ratio	1:1
	Cream Time	13 - 17 Seconds
	Rise Time	100 - 120 Seconds
	Free Rise Density	60 kg/m <sup>3</sup>

TYPICAL CURED PROPERTIES	Test	Method	Result
	Core Density	ASTM D1622	40 kg/m <sup>3</sup>
	Dimensional Stability	AS2498.6	< 2%
	Closed Cell Content	ASTM D6226	> 90%
	Compressive Strength	ASTM D1621	
	Parallel		> 300kPa
	Perpendicular		> 300kPa
	Water Absorption	ASTM D8242	<1%

<b>EQUIPMENT SETTINGS</b>	Graco Equipment	Graco E-30 and AP Fusion Gun or GX7a
	Dynamic Spray Pressure	> 1500 psi
	Operating temperatures	45°C

# Purl®- SJ40

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## LIMITATIONS

- If used externally it must be protected from direct weather exposure with a spray applied membrane.

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## STORAGE

Store in dry, shaded conditions away from sources of heat and ignition and in properly sealed containers. Protect from heat and frost. Protect contents from moisture. A shelf life of 12 months minimum is typical with unopened containers if stored at ambient conditions at 25°C. If either component is opened and partially used, it should be purged with nitrogen or desiccated air and resealed.

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## PACK SIZE

400L Kit  
PU074 Purl Part A 200L - 250Kg  
PU075 Purl SJ-40 Part B 200L - 215Kg  
  
40L Kit  
PU074 Purl Part A 20L - 25Kg  
PU075 Purl SJ-40 Part B 20L - 21.5Kg

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## DISPOSAL

Liquid Systems: Liquid Ployol or isocyanate should be disposed of with an EPA approved industrial waste company which meet all applicable federal, state and local laws and regulations.

Cure Urethanes: Fully reacted polyurethanes are inert and can be disposed of as regular landfill.

Container: Dispose of contaminated drums in accordance with federal, state and local laws and regulations.

Do not reuse empty containers.

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## HEALTH & SAFETY

Water contamination can cause dangerous pressure build up in isocyanate drums. Caution must be taken when opening containers to slowly release the pressure. Please download the most recent SDS from [www.liquimix.com](http://www.liquimix.com) and read the Liquimix SDS prior to using Liquimix products.

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## NOTICE

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