

Purl® - SJ40

Polyurethane, Water-blown, Closed Cell Foam - 41kg/m3

PRODUCT

DESCRIPTION PURL-SJ40 is a medium-density rigid polyurethane slab jacking foam system designed to be a fast-reacting structural foam that provides general-purpose slab jacking properties. Purl-SJ40 is a water-blown slab jacking foam that is environmentally friendly, and contains no CFCs.

INTENDED

USES

- PURL-SJ40 provides general-purpose structural foam for concrete slab lifting
- Ground Stabilisation applications

FEATURES

- Exceptional strength to weight properties
- Fast Reaction times
- High Compressive Strength
- 1:1 mix ratio for standard Graco Equipment
- The PURL range is made in Australia under ISO9001. It contains no Ozone depleting potential and is well below the 'Greenstar' VOC threshold.

PRODUCT DATA	Purl Part A		PURL-SJ40 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	

MIXED PRODUCT DATA

Mix Ratio	1:1
Cream Time	13 - 17 Seconds
Rise Time	100 - 120 Seconds
Free Rise Density	40 kg/m ³

TYPICAL CURED PROPERTIES

Test	Method	Result
Core Density	ASTM D1622	40 kg/m ³
Dimensional Stability	AS2498.6	< 2%
Closed Cell Content	ASTM D6226	> 90%
Compressive Strength	ASTM D1621	
Parallel		> 200kPa
Perpendicular		> 200kPa
Water Absorption	ASTM D8242	<1%

EQUIPMENT SETTINGS

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

Purl® - SJ40

LIMITATIONS

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

APPLICATION

Equipment

Graco Equipment	Graco E-30 and AP Fusion Gun or GX7a
Dynamic Spray Pressure	> 1500 psi
Operating Temperature	45 °C

STORAGE & HANDLING

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.

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.

PACK SIZE

40L Kit

Purl Part A 25kg in a 20L Pail
PURL-SJ40 Part B 21.5kg in a 20L Pail

400L Kit

Purl Part A 250kg in a 200L Drum
PURL-SJ40 Part B 215kg in a 200L Drum

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 the Liquimix website and read prior to using Liquimix products.

DISCLAIMER

The information contained herein is offered without charge and is for use by technically qualified personnel at their own risk. All statements, technical information and recommendations contained herein are based on tests and data which we believe to be reliable, but the accuracy or completeness thereof is not guaranteed, and no warranty of any kind is made with respect thereto.

LiquiMix Pty Ltd - ABN 32 062 887 585
24 Rosa Place, Richlands QLD 4077
Phone: 1300 123 085

Web: - www.liquimix.com
Sales Enquiries: - sales@liquimix.com
Account Enquiries: - accounts@liquimix.com