



VersaFlex Incorporated
 686 S. Adams Street
 Kansas City, KS 66105
 913-321-9000
 913-321-1490 (Fax)

Product Data Sheet

SL/75™ Joint Filler

USGBC LEED, EQ Credit 4:
 Low-emitting VOC Compliant Materials

Product Description- *VersaFlex SL/75* is a self-leveling, 100% solids, flexible, two component, rapid curing polyurea joint filler. Designed for 10 – 15% movement of an installed joint width. Recommended concrete cure of 30 days prior to installing joint filler.

Uses- *VersaFlex SL/75* is used to fill interior random cracks, control joints, or new construction joints on horizontal concrete surfaces. *SL/75* is designed specifically for industrial floor applications receiving heavy vehicle traffic, such as forklift or steel wheeled carts. *SL/75* is flexible, accommodating to small slab movement yet strong enough to protect the vertical edges of concrete from spalling under extreme loading. *SL/75* can be used in exterior applications where little joint or crack movement from thermal cycling will occur. *SL/75* is recommended for repair of cracks, damaged control joints or new construction joints in cold storage facilities, freezers, and food processing plants where time and temperature are serious considerations.

Ideal for Applications in:

- Industrial facilities
- Roofing
- Cold storage facilities
- Food processing facilities
- Freezers
- Airports
- Prisons
- Traffic loops

Advantages:

- 100% solids, No VOC's
- Flexible, high elongation
- Remains flexible in cold temperatures
- Cures from -20°F to 200°F+
- Odorless, No toxic vapors
- USDA/FSIS/CSA approved
- CFIA approved
- Resists jet fuel

Physical Properties-

(Typical) 1:1 Mix Ratio		
Cured Film Properties	Test Method	Typical Value
VOC	Theoretical	Zero
Solids content	Theoretical	100%
Gel time	ASTM D1640	~1 minute
Tack free	ASTM D1640	2 – 3 minutes
Open to light foot traffic	ASTM D1640	60 minutes
Tensile strength (psi)	ASTM D638	600 – 1200
Tensile elongation (%)	ASTM D638	240 – 500
Modulus of elasticity (psi)	ASTM D638	400 – 900
Adhesion to concrete	ASTM D4541	300 – 450 psi
Tear strength (lb/in)	ASTM D624	150 – 300
Shore A hardness	ASTM D2240	≥75
Tabor abrasion, mg wt loss (1000 g, 1000 revs, H-18)	ASTM D4060	375 – 500

The value ranges stated in this Technical Data Sheet are based on system processing under laboratory conditions. Equipment configurations and/or field application conditions may produce variances in final system values.

Limitations- *SL/75* should not be used to fill exterior cracks, control joints, or construction joints if deck or slab movement from thermal cycling is expected. See *VersaFlex* specification: Cold/Freezer Applications.

SL/75 is an aromatic based polyurea. Discoloration from exposure to ultraviolet light may occur, however the physical properties are unaffected.

Coverage Rates-

Linear feet per gallon: Theoretical

Inches	1/4	1/2	3/4	1
1/4	308	154	103	72
1/2	154	77	51	38
3/4	103	51	34	26
1	72	38	26	19

Linear feet per 600ml cartridge: Theoretical

Inches	1/4	1/2	3/4	1
1/4	53	27	18	13
1/2	27	13	9	7
3/4	18	9	6	4
1	13	7	4	3

Packaging-

- One Hundred Ten Gallon Kit: 55 gallons of 'A' side and 55 gallons of 'B' side. Drum containers filled by weight, volume is closely approximated.
- Ten Gallon Kit: 5 gallons of 'A' side and 5 gallons of 'B' side
- Six Hundred ML Cartridges: 300ml of 'A' side and 300ml of 'B' side packaged as a duplex cartridge. Ten cartridges per case.

Mixing- Machine dispensing: Use 1:1 ratio pump with or without heater as required for individual application.

Colors- Consult ColorFlex chart at www.versaflex.com.

Preparation & Installation- Regard **VersaFlex** specification: Polyurea Joint Filler for detailed joint preparation and installation procedures.

Clean Up- Cured product may be disposed of without restriction. Excess liquid 'A' & 'B' material should be mixed together and allowed to cure, then disposed of in the normal manner. Product containers that are "drip free" may be disposed of according to local, state and federal laws

Safety- Review SDS at VersaFlex.com

Basic safety for personal protection is:

- Long sleeve overalls or disposable Tyvex overalls
- Rubber gloves
- Splash shield or safety glasses with splash guards
- Rubber or leather boots
- Respirator
- Do not use near high heat or open flame
- Do not take internally
- Keep out of reach of children

Shelf Life- One year from date of shipment, in original, unopened factory containers, under normal storage conditions of 60°F to 95°F (18°-35°C).

Technical Services- Sales and Customer Support 913-321-9000

VersaFlex Product Manufacturer's Warranty-

During a period of one-year from date of shipping, VersaFlex Incorporated will refund the price of or replace, at its election, product it finds to be defectively manufactured, provided the product has been stored and used properly. Except as expressly stated herein, the company makes no warranty of merchantability and no warranty of fitness for any particular purpose, nor does it make any warranty, expressed or implied, of any nature whatsoever with respect to the product or its use. In no event shall the company be liable for delay caused by defects, for loss of use, for indirect, special or consequential damages, or for any charges or expenses of any nature incurred without its written consent.