



SELF-LEVELING JOINT FILLER

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



686 S. Adams Street · Kansas City, KS 66105  
(913) 321-9000

# PRODUCT DATA SHEET

## 1. PRODUCT DESCRIPTION

**VersaFlex SL/75** is a self-leveling, 100% solids, flexible, two component, rapid curing modified polyurea joint filler. Designed for 10-15% movement of an installed joint width. Recommended concrete cure a minimum of 28 days prior to installing joint filler.

## 2. 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 a 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
- Polished concrete
- Cold storage facilities
- Food processing facilities
- Freezers
- Airports
- Prisons
- Traffic loops
- Correctional facilities

### Advantages:

- 100% solids, No VOC's
- Flexible, high elongation
- Remains flexible in cold temperatures
- Suitable for -40°F to 200°F+ conditions
- Odorless, No toxic vapors
- USDA/FSIS approved
- CFIA approved
- Resists jet fuel
- Will not smear
- Pick proof

## 3. PHYSICAL PROPERTIES

Mix Ratio	1:1
VOC	0
Gel Time, ASTM D1640	~ 1 Minute
Tack Free, ASTM D1640	2 - 3 Minutes
Open to 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 (psi) ASTM D4541	300 - 450
Tear Strength (lb/in) ASTM D624	150 - 300
Shore A Hardness ASTM D2240	≥ 75
Tabor Abrasion, mg wt loss (1000g, 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.*

## 4. 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. Not recommended for use under non-breathing, resilient, or polymer flooring systems. Refer to Technical Bulletin for details. **SL/75** is an aromatic based polyurea. Discoloration from exposure to ultraviolet light may occur, however the physical properties are unaffected.

## 5. COVERAGE RATES

Linear feet per gallon: Theoretical

INCHES	1/4	1/2	3/4	1
1/4	249	138	92	64
1/2	138	69	45	34
3/4	92	45	30	23
1	64	34	23	17

Linear feet per 600ml cartridge: Theoretical

INCHES	1/4	1/2	3/4	1
1/4	32	24	16	11
1/2	24	11	8	6
3/4	16	8	5	3
1	11	6	3	2

## 6. PACKAGING & COLOR

- **Ten Gallon Kit:** 5 gallons of 'A' side and 5 gallons of 'B' side.
- **600ML Cartridges:** 300ml of 'A' side and 300ml of 'B' side packaged as a duplex cartridge. Ten cartridges per case.

**COLORS:** Consult ColorFlex chart(s) at [www.versaflex.com](http://www.versaflex.com).

## 7. MIXING

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

## 8. PREPARATION & INSTALLATION

See **VersaFlex** specification: Polyurea Joint Filler for detailed joint preparation and installation procedures.

## 9. 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.

## 10. SAFETY

Review SDS at [www.versaflex.com](http://www.versaflex.com). Basic safety for personal protection is:

- Long sleeve overalls or disposable Tyvek 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

## 11. SHELF LIFE

One year from shipment date, in original, unopened factory containers, under normal storage conditions of 70°F to 95°F (21° - 35°C).

## 12. 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.