



SELF-LEVELING JOINT SEALANT

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



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# PRODUCT DATA SHEET

## 1. PRODUCT DESCRIPTION

**VersaFlex SL/60** is a self-leveling, 100% solids, flexible, two-component, modified polyurea based elastomeric joint sealant material. **SL/60** is designed for 25% movement of an installed joint width. Recommended concrete cure of a minimum of 28 days prior to installing joint filler or joint sealant.

## 2. USES

**VersaFlex SL/60** is used to fill random cracks, contraction joints, control joints or new construction joints on new or old horizontal concrete surfaces. **SL/60** is ideal for use on elevated parking decks, balcony decks, pedestrian decks, bridge decks and on-grade slabs where its quick and positive cure will allow rapid turn around and return to use. **SL/60** is highly flexible, retaining full properties and memory capability while allowing normal joint movement and accommodating to slab movement where designed movement and thermal cycling will occur.

### Ideal for Applications in:

- Parking decks
- Bridge decks
- Roofing
- Sidewalks
- Balcony Decks
- Industrial facilities
- Water and waste water treatment

### Advantages:

- 100% solids, no VOC's
- Exceptional elongation
- Remains flexible in cold temperatures
- Return project to service in 2 hours
- Cures from -20°F to 130°F
- Odorless, no toxic vapors
- Resists jet fuel
- USDA/FSIS approved

**Joint Design:** Joints receiving **SL/60** should be designed and prepared according to industry standards. In order to achieve optimum sealant movement characteristics, sealant depth should be ½ the sealant width, but in no case make the depth greater than 1" in any joint configuration.

## 3. PHYSICAL PROPERTIES

Mix Ratio	1:1
VOC	0
Gel Time, ASTM D1640	2 - 3 Minutes
Tack Free, ASTM D1640	~ 5 Minutes
Open to Foot Traffic, ASTM D1640	2 Hours
Tensile Strength (psi) ASTM D638	700 - 900
Tensile Elongation (%) ASTM D638	450 - 600
Modulus of Elasticity (psi) ASTM D638	300 - 400
Tear Strength (lb/in) ASTM D624	150 - 250
Shore A Hardness ASTM D2240	60
Tabor Abrasion, mg wt loss (1000g, 1000 revs, CS-17) ASTM D4060	20 - 75

*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/60** should not be used on slopes greater than 15%. Backer rod (open cell) should be used in all joints with the exception of small random cracks. Not recommended for use under non-breathing, resilient, or polymer flooring systems. Refer to Technical Bulletin for details. **SL/60** 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

- **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.
- **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 60°F to 95°F (18° - 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.