

JS-60

Self Leveling Joint Sealant



LEED® EQ Credit 4.1: Low Emitting Materials: Adhesives & Sealants

PRODUCT DESCRIPTION

JS-60 is a self-leveling, 100% solids, two-component modified polyuria-based elastomeric joint sealant.

JS-60 is a flexible material that is designed for 25% movement of an installed joint width. A minimum of 28 days is recommended for concrete to effectively cure prior to installing joint filler or joint sealant.

FEATURES

- Exceptional elongation
- Remains flexible in cold temperatures
- 100% Solids
- No VOCs
- No toxic vapor, odorless
- Cures from -20°F to 130°F
- Resists jet fuel
- USDA/FSIS approved

LIMITATIONS

JS-60 is not recommended for use under non-resilient or polymer flooring systems. Do not use on slopes greater than 15%. With the exception of small random cracks, backer rod open cell) should be used in all joints. Be aware that discoloration from exposure to ultraviolet light can occur, but physical properties will remain unaffected.

USE

JS-60 is designed to seal cracks, contraction joints, and control joints on new or old horizontal concrete surfaces. It can be applied on slabs where rapid turn around and return to use is needed because of how quickly the product cures. **JS-60**'s memory capability allows for normal joint movement and accommodates slab movement where designed movement and thermal cycling will occur.

NOTE: Joints should be designed and prepared according to industry standards when using **JS-60**. In order to achieve optimum movement, sealant depth should be $\frac{1}{2}$ the sealant width—under no circumstances should the depth be greater than 1 inch in any joint configuration.

APPLICATIONS

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

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PHYSICAL PROPERTIES

Mix Ratio:	1:1
Tack-Free Time (minutes):	<5 min
Gel Time, (seconds):	2-3 min
Pot Life:	3-4 min
Open to Foot Traffic: <i>ASTM D1640</i>	2 hours
VOC Content:	0
Solids Content:	100%
Shore A Hardness: <i>ASTM D2240</i>	60
Elongation: <i>ASTM D638</i>	400-600
Tensile Strength (PSI): <i>ASTM D368</i>	700-900
Tear Strength (lb/in.): <i>ASTM D624</i>	150-250
Taber Abrasion: <i>ASTM D4060</i> (1000, 1000 revs. H-18)	20-75

The values stated in this technical data sheet are produced under controlled laboratory conditions.

MIXING

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

COVERAGE RATES

Linear Feet Per Gallon				
	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				
	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

PREPARATION & INSTALLATION

Coating performance and adhesion are directly related to surface preparation. Prior to installation, the joint sidewalls must be freshly abraded with a clean-out saw with diamond blade and then vacuumed clean to expose clean, dust-free edges to maximize adhesion. For rough or broom-finished concrete, it is recommended to avoid overfilling the joint as shaving could be difficult. For smooth non-densified concrete, a stain prevention product/method should be considered to prevent etching.

Material Installation Temperature: 70°F or greater ; Exposure Temperature: -40°F to 200°F

COLORS

Please consult the SealSource International JF/JS Series Color Chart

PACKAGING Products are packaged by weight, so final package volume is a close estimation.

600 ml Cartridge

300ml Part-A (Isocyanate) and 300ml Part-B (Resin), packaged as a dual-tube cartridge. Cartridges sold in cases of 4 or 10.

10 Gallon Kit

5 Gallon Part-A (Isocyanate) and 5 Gallon Part-B (Resin.)

SHELF LIFE

A properly stored product in original, unopened factory containers, kept at a temperature above freezing should have a shelf life of 12 months from the date of shipment.

SAFETY

For in-depth information on product safety and precautions, please review the product SDS sheets. Prior to using the product, ensure that you have the proper personal protection equipment (PPE) available. This includes but is not limited to the following items:

- Safety Glasses with a splash shield
- Respirator
- Rubber or Nitrile Gloves
- Disposable or Reusable Long Sleeve Overalls
- Rubber or leather boots

Always follow these precautions:

- Do Not use near high heat or open flame
- Do Not take internally
- Keep out of reach of children

CLEAN UP/ DISPOSAL

There are no restrictions when disposing of cured product. If there's excess liquid, Parts A & B should be mixed first, cured, and then disposed of. Drip-free containers should be disposed of according to local, state, and federal laws.

WARRANTY

SealSource® International LLC, will refund the price of or replace, at its election, product it finds to be defective provided the product has been used properly. Except as expressly stated above, 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.

TECHNICAL SUPPORT

For technical support, please call 801-224-3800 Monday to Friday between the hours of 8am – 5pm MST. You may also send an email anytime to technicalsupport@sealsource.com.