



W-011 Flex Seal SL

single-component, moisture curing, polyurethane-based Self Leveling sealant material used as sealing and insulation material on horizontal movement joints and cracks



Attributes

- Self-leveling, pourable
- moisture-cured
- Resists weathering
- Excellent adhesion
- Easy application with gun
- 1-component, no mixing
- Paintable
- Permanent elasticity
- High durability
- No volume change

Uses

WECO® W-011 Flex Seal SL™ is a single-component, moisture curing, polyurethane-based sealant material used as sealing and insulation material on horizontal movement joints and cracks.

Use WECO® W-011 Flex Seal SL™ on joints of pavement slabs, expansion joints on tile installation, terraces, sidewalks, warehouses and as elastic adhesive between materials subjected to different movements and in submerged applications.

Resistant to water, sea water, diluted base, cement grout and detergents based on Water. It is not resistant against alcohol, organic acid, acids and concentrated bases, hydrocarbon.

Do not apply at a temperature under 5°C (41°F). In cold weather, store the packages at about 20°C (68°F) before use. During application, avoid air-entrapment

Quality Standards

Meets ASTM C-920, Type S, Grade P, Class 50, use T, M, A, G, I.

Product Information

WE1279111	W-011 FLEX SEAL SL (600ml)
Shelf Life	12 months in unopened packaging
Packaging	Aluminum Sausage 20 oz
Color	Gray

Technical Information

Chemical Structure	Polyurethane
Curing Mechanism	Moisture curing
Density	11.7 ± 0.25 Lb./Gal
Curing Rate	Tack free: 60 – 90 Min @ 77 °F
Curing Speed	1/8" depth / 36 hours
Shore A Hardness	40 ± 5 Lb./Gal
Tensile Strength	110 psi
Elastic Recovery	> 90 %
Application Temperature	40 °F (5 °C) to 100 °F (38 °C)
Service Temperature	-30 °F (-22 °C) to 80 °F (176 °C)

Surface Preparation

All substrates must be structurally sound, thoroughly clean and free of oil, wax, grease, dust, asphalt, existing patching materials, curing compounds or any other contaminant. Apply on concrete joints after a minimum of 24 hours of curing, saw cuts or preformed joints must have a minimum of 8 hours. Concrete surfaces can be clean with metallic broom before apply WECO® W-011 Flex Seal SL™

Application

Adjust WECO® W-011 Flex Seal SL™ to be within Application Temperature limits if necessary. This product should be gunned, put the 20 oz Aluminum Sausage into proper application tool, use MI2090968 Application Gun Professional - Aluminum (61580) from WECO. Using application tool ensure a steady flow of sealant in one direction into joint slot or crack. Allow sealant to level out as necessary avoiding formation of air bubbles and overlapping of sealant. Keep depth of sealant between ¼" – ½" in joints subject to movement. Joint should be cleaned with soapy water after sealant application. Aluminum sausage must be used within 24 hours after its opening. Do not apply at temperatures below 40 °F (5 °C). Should not be used on surfaces of bitumen, natural rubber, rubber EPDM or building materials that can migrate oils or solvents. When exposed to ultraviolet light, slight discoloration may occur.

Curing

In case WECO® W-011 Flex Seal SL™ is used at submerge conditions let the sealant cure for 7 days. Avoid contact with alcohol and other cleaning products during curing process. Curing temperature range: -30 °F (-22 °C) to 80 °F (176 °C)

Caution

Avoid skin and eyes contact, Use only with adequate ventilation. Do not smoke while using the product nor inhale product fumes. KEEP OUT OF REACH OF CHILDREN. Refer to the product's safety information on the Safety Data Sheet (SDS).

Warranty

Our liability regarding this product is limited to its replacement or its refund value should it not comply with our specifications and does not include any application costs.



Approximate Product Coverage

		JOINT DEPTH		
		1/4"	3/8"	1/2"
JOINT WIDTH	1/4"	48.1'		
	3/8"	32.1'	21.4'	
	1/2"	24.1'	16.0'	12.0'
	3/4"	16.0'	10.7'	8.0'
	1"			6.0'
	1-1/4"			4.8'
	1-1/2"			4.0'

Yield expressed in linear feet of a 20 Oz. Aluminum Sausage



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