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### SoudaSeal SL

Base	Silyl-terminated polymer	
Sag	Self-Leveling	
Curing system	Moisture Cure	
Tack-free time	45 minutes	ASTM C 679 (maximum 72 hours)
Cure time	24-72 hrs, ¼" diameter bead	@ 75°F & 50% relative humidity
Hardness – Shore A	30 +/- 3	ASTM C 661
Skin Formation (*) (75°F/50% RH)	10 minutes	
Service temperature range	-40°F to +194°F	
Shear Strength	150 psi	ASTM D D 1002
Elongation	650%	ASTM D 412
Stain and color change	Passes	ASTM C 510 (no visible stain)
Artificial weathering	No Cracking	ASTM C 793 (2,000 hrs Xenonarc)
Shelf life	12 months	Stored between 41°F & 77°F

(\*) these values may vary depending on environmental factors such as temperature, moisture, and type of substrates

#### Product:

SoudaSeal Self Leveling is a SMX® sealant designed to offer superior adhesion to concrete as well as a wide variety of substrates with a smooth finish, which allows installation without tooling.

#### Characteristics:

- excellent adhesion on porous and non porous substrates
- high performance mechanical properties
- permanent elastic after full cure
- self leveling
- no bubble formation within sealant even in high temperature and humidity applications
- very easy to tool and finish
- color stable and UV resistant
- ecological advantages - free of isocyanates, solvents, halogens and acids
- minimal health and safety considerations
- can be painted with all water based paints and many other systems (to be tested)
- good extrudability even at low temperatures
- excellent weather resistance in all climates
- primerless adhesion on many different substrates (except where water pressure may occur)
- almost odorless

#### Applications:

- sealing of joints in building and metal work industry
- sealing of overlap joints between panels in automotive applications

#### Colors:

Dark tan, limestone

#### Packaging:

20 fl. oz. sausages; 29 fl. oz. pro pack

#### Shelf life:

12 months in unopened packaging in a cool and dry storage place at temperatures between 41°F and 77°F

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**Substrates:**

*Surface Preparation:* clean, dry, free of dust and grease, free of chipping paint, no adhesion on PE, PP, PTFE and bituminous substrates.

*Priming:* Porous surfaces in water loaded applications should be primed with Primer 150.

Surface activator may be used to pretreat non-porous surfaces.

We recommend preliminary compatibility tests previous to application.

**Resistance to chemical agents:**

Good resistance to water, aliphatic solvents, mineral oils, grease, diluted inorganic acids and alkalis. Poor resistance to aromatic solvents, concentrated acids, chlorinated hydrocarbons.

**Joint dimensions:**

Minimal Width: 1/16"

Maximum Width: 1 1/2"

Minimum Depth: 1/5"

Recommendation: width = 2 x depth

**Remarks:**

- May be painted, however due to the large number of paints and varnishes available we strongly suggest a compatibility test before application. The drying time of alkyd resin based paints may increase.
- Can be applied to a wide variety of substrates. Due to the fact that specific substrates such as plastics, like polycarbonate, etc. may differ from manufacturer to manufacturer, we recommend preliminary compatibility tests.
- should not be used as a glazing sealant
- should not be used for continuous immersion in water
- do not apply to freshly treated wood; treated wood must have been weathered for at least 6 months
- lower temperatures and humidity will extend curing time

**Application:**

*Method:* Manual- or pneumatic caulking gun *Application temperature:* 34°F to +90°F *Cleaning:* with IPA immediately after use and before curing *Repair with:* SoudaSeal SL

**Meets:**

ASTM C 920, Type S, Grade P, Class 25, Use T, NT, M, A, G and O, Federal Specification TT-S-00230C, Type II, Class A

**Health- and Safety Recommendation:**

KEEP OUT OF REACH OF CHILDREN. Avoid skin and eye contact. On Contact, uncured sealant could cause irritation to skin and eyes. In case of eye contact, flush eyes with warm water for 15 minutes, call a physician. For skin contact, remove sealant with a paper towel. If swallowed, do not induce vomiting, call a physician. SoudaSeal SL is manufactured for professional use only. Refer to Material Safety Data Sheet (MSDS) for further information.

**Limited Warranty:**

SODDAL warrants product to be of good quality and will replace or, at our election, refund the purchase price of any products proved to be defective. Satisfactory results depend not only upon quality products, but also upon many factors beyond our control. Therefore, except for such replacement or refund, SODDAL MAKES NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY, RESPECTING ITS PRODUCTS, and SODDAL shall have no other liability with respect thereto. Any claim regarding product defect must be received in writing one (1) year from the date of shipment. No claim will be considered without such written notice or after the specified time interval. User shall determine the suitability of the products for the intended use and assume all risks and liability in connection therewith.