

Soudaseal 50LM

SODAL

- Low Modulus - Bonds to concrete, brick, masonry, aluminum, vinyl, wood, glass, fiber cement, Kynar 500® and many more building materials
- +/- 50% movement capabilities
- Paintable in one hour (prior testing required)
- 100% solids – No shrinkage
- UV Stable – No yellowing or degradation
- Isocyanate free – No outgassing – No bubbling
- Fast skin time – Less dirt pick up
- Bonds to damp* surfaces
- Weather resistant plastic cartridge
- Guns the same in hot and cold temperatures
- Colors: White, Off White, Limestone, Aluminum, Gray, Tan, Stone, Medium Bronze, Spec Bronze, Black, Redwood, Hunter Green **
- AAMA approved
- Meets ASTM C-920, Type S, Grade NS, Class 50

* Not for constant immersion

** Some colors may be subject to MOQ's and lead times

**High Movement Joints
Window & Door Perimeters
Window / Bay & Bow Mullions
Architectural Construction**



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SOUDAL

Base	Silyl-terminated polymer	
Sag	No sag in vertical displ. @120°F	ASTM C639
Curing system	Moisture Cure	
Skin Formation (*)	11 minutes	@ 75°F & 50% relative humidity
Tack-free time (*)	350 minutes	ASTM C679
Curing time (*)	72 hrs, 1/4" diameter bead	@ 75°F & 50% relative humidity
Hardness - Shore A	25 +/- 5	ASTM C 661
Tensile Yield	350 psi	ASTM D 412
Elongation	>1000%	ASTM D 412
Movement capability	+/-50%	ASTM C 719
Stain and color change	Passes	ASTM C 510 (mortar)
Artificial weathering	No Cracking	ASTM C 793
Service temperature range	-40°F to +200°F	
Application temperature range	-35°F to +140°F	
Shelf life	12 months	Stored between 41°F & 77°F
VOC	< 2 % - < 28 g/L	ETA Method 24

(*) These values may vary depending on environmental factors such as temperature, moisture, and type of substrates. Test results are averages obtained under laboratory conditions. Reasonable variations can be expected.

Limitations:

Pre-testing for adhesion is intended to eliminate potential problems. This testing will aid in determining the proper surface preparation method.

- 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.
- Lower temperatures and humidity will extend curing time.
- Contact with plasticizer containing plastics (e.g. flexible PVC, butyl rubber, EPDM, ...) can lead to incompatibilities, such as discoloration or loss of adhesion. We recommend a preliminary compatibility test.
- We recommend a preliminary adhesion test on every surface.

CAUTION:

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 50LM is manufactured for professional use only. Refer to Safety Data Sheet (SDS) for further information.

PLEASE REFER TO TECHNICAL DATA SHEET FOR COMPLETE INFORMATION ABOUT THE PRODUCT

SEALANT · WATERPROOFING & RESTORATION INSTITUTE

Issued to: Soudal USA
 Product: Soudaseal 50LM
 C719: Pass ✓ Ext:+50% Comp:-50%

Substrate: : Mortar unprimed, glass unprimed, and Anodized Aluminum unprimed

Validation Date: 8/14/20 - 8/13/25

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SEALANT VALIDATION
www.swrionline.org

SOUDAL FEATURES



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