



DATA SHEET NO. 4708-000

HS-1™ SL One-Part, Self-Leveling, SMP-Based Sealant

DESCRIPTION

HS-1 SL is a one-part, self-leveling hybrid sealant, developed with silyl-modified polymer (SMP) technology. It cures under the influence of atmospheric moisture to form a medium modulus sealant with excellent adhesive properties and resistance to ageing and weathering.

USES

HS-1 SL can be used in movement and contraction joints. Ideal applications include indoor and outdoor pool decks subject to pedestrian traffic.

FEATURES/BENEFITS

- One part - no mixing is needed on site.
- Self-leveling.
- Supplied in convenient pouches – no tooling or caulk gun needed.
- Pouch can be resealed.
- Allows movement capability of 25%.
- Cures bubble-free.
- Adheres to green concrete and damp surfaces.
- Adheres well to most construction materials.
- Is permanently elastic over a wide range of temperatures.
- Resists chlorinated water splashes.
- Non-gassing.
- VOC-compliant.

PACKAGING

946.4 mL (32 Oz.) Pouches (6/Carton)

COVERAGE

[Approximate number of lineal meters (lineal feet) that can be sealed with 946.4 L (32 Oz.) HS-1 SL pouch.]

Depth of Joint	Width of Joint						
	6.4 mm (1/4")	9.5 mm (3/8")	12.7 mm (1/2")	15.9 mm (5/8")	19.1 mm (3/4")	22.2 mm (7/8")	25.4 mm (1")
6.4 mm (1/4")	1956 mm (77")	1295 mm (51")	889 mm (35")	787 mm (31")	660 mm (26")	559 mm (22")	483 mm (19")
9.5 mm (3/8")		867 mm (34")	660 mm (26")	533 mm (21")	432 mm (17")	381 mm (15")	330 mm (13")
12.7 mm (1/2")			483 mm (19")	381 mm (15")	330 mm (13")	279 mm (11")	254 mm (10")

SHELF LIFE

One year from date of manufacture. Store unopened product in a cool, dry place under 27° C.

TECHNICAL DATA

Available Colours:	Grey, Tan
Skin-Time:	15 - 30 Minutes
Tack-Free Time:	45 - 90 Minutes
Cure Time:	6.4 mm (1/4") bead per 24 hours

Times listed above may vary depending on temperature and humidity during and after application.

APPLICATION

Surface Preparation ... Surfaces must be clean, free of oil, grease or rust and of sound quality. Remove all loose particles or residues with a jet of compressed air, sandpaper, or hard brush. Glass, metal, and other non-porous surfaces must be free of any coatings and wiped clean with solvent.

Priming ... For optimum adhesion and/or joints over 25.4 mm (1") in width, REZI-WELD™ LV from W. R. MEADOWS is recommended.

Joint Sizes ... Proper joint design practices and application techniques must be followed for successful performance. DECK-O-FOAM®, KOOL-ROD™, or KOOL-ROD SOFT from W. R. MEADOWS may be used as a joint backing material to control sealant depth and provide proper joint configuration. For larger joints, use a non-asphalt joint filler, such as CORK EXPANSION JOINT from W. R. MEADOWS, in the joint before sealing.

A 2:1 width-to-depth ratio should be maintained. However, in no case should joint sealant depth be less than 6.4 mm (1/4") or exceed 12.7 mm (1/2"). HS-1 SL should NOT be used in joints less than 6.4 mm (1/4") wide.

Cleanup ... Clean tools with solvent or alcohol immediately after use. Cured material can only be removed mechanically.

W. R. MEADOWS OF CANADA
70 Hannant Court, Milton, ON L9T 5C1
21 Streambank Ave., Sherwood Park, AB T8H 1N1
(800) 342-5976
Montreal Sales: (514) 865-2406

Hampshire, IL / Cartersville, GA / York, PA / Fort Worth, TX
Benicia, CA / Pomona, CA / Goodyear, AZ / Milton, ON
Sherwood Park, AB
www.wrmeadows.com
info@wrmeadows.com

PRECAUTIONS

Do not use in underwater applications. Do not use in joints less than 6.4 mm (1/4") wide and/or 6.4 mm (1/4") (6.4 mm) deep.

MASTERFORMAT NUMBER AND TITLE

07 92 13 - Elastomeric Joint Sealants

For most recent data sheet, further LEED information, and SDS, visit www.deckoseal.com.

2021-11-10



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