

PRODUCT DATA SHEET

Lockstop

Mastic Waterstop

PRODUCT DESCRIPTION

Lockstop Waterstop is a strip-applied mastic waterstop for nonmoving concrete joints. When properly installed using Lockstop Primer Adhesive, Lockstop creates a watertight seal between concrete surfaces. Lockstop does not swell or create any internal joint pressures and requires minimum concrete coverage.

USES

Lockstop is suitable for a variety of nonmoving joint applications, including:

- Retaining Walls
- Box Culverts
- Penetrations
- Concrete Pipe
- Vaults
- Slabs
- Elevator shafts

CHARACTERISTICS / ADVANTAGES

Lockstop's structural integrity conforms well to the underlying substrate and exhibits self healing properties. Unlike hydrophilic waterstop products, Lockstop will not expand when subjected to moisture and can be installed in nearly all weather conditions and temperatures.

PRODUCT INFORMATION

Packaging	3/4" X 1" X 16'-8" roll (6 rolls or 100' per carton)
Appearance / Color	Black
Shelf Life	2 years when stored in a cool, dark, dry environment
Storage Conditions	Store Lockstop waterstop in a cool, dark, dry environment.
Mass per Unit Area	1.22 (ASTM D-71)

TECHNICAL INFORMATION

Chemical Resistance	5% solutions of KOH, HCL, H2SO, NaOH, H2S No visible deterioration
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APPLICATION INSTRUCTIONS

Surface Prep

Lockstop is installed in and along the joint after the first concrete pour and before the second pour is made.

Lockstop may be installed in a variety of locations along the joint, including a keyway of appropriate dimensions or directly to a plain flat concrete surface. The use of a keyway can help stabilize the position of the Lockstop when the second pour is made. The non-expansive nature of Lockstop allows installation outside of the reinforcing steel with minimal concrete cover.

The concrete surface should be smooth, dry, and free of laitance or oil. Allow concrete to cure a minimum of 24 hours prior to application of Lockstop.

APPLICATION METHOD / TOOLS

Brush apply a 2" wide coat of Lockstop Primer Adhesive along the joint and allow it to dry for two hours before application of the Lockstop waterstop. Primer adhesive and waterstop should be applied the same day.

Press Lockstop firmly and continuously in place over the primed area, achieving about a 25% spread of the material's width. Lockstop can be mechanically fastened in vertical or overhead applications using concrete nails, but only in addition to using the primer adhesive. Suggested fastener spacing is approximately 12" on center.

Lockstop should be spliced by lapping approximately 1" of the material side by side. Press the ends together with a molding action until there is no separation or air pockets. Repeat the molding process for intersections and corners. Lockstop may also be bent around corners to avoid splicing.

Inspect Lockstop for discontinuity and debris contamination immediately prior to the 2nd concrete pour. If damage has occurred, remove and replace the material with new.

Do not remove separation paper from Lockstop until just prior to the 2nd concrete pour.

BASIS OF PRODUCT DATA

Results may differ based upon statistical variations

depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

OTHER RESTRICTIONS

See Legal Disclaimer.

Product Data Sheet

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ENVIRONMENTAL, HEALTH AND SAFETY

For further information and advice regarding transportation, handling, storage and disposal of chemical products, user should refer to the actual Safety Data Sheets containing physical, environmental, toxicological and other safety related data. User must read the current actual Safety Data Sheets before using any products. In case of an emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.

DIRECTIVE 2004/42/CE - LIMITATION OF EMISSIONS OF VOC

1.2% (ASTM D-6)

LEGAL DISCLAIMER

- KEEP CONTAINER TIGHTLY CLOSED
- KEEP OUT OF REACH OF CHILDREN
- NOT FOR INTERNAL CONSUMPTION
- FOR INDUSTRIAL USE ONLY
- FOR PROFESSIONAL USE ONLY

Prior to each use of any product of Sika Corporation, its subsidiaries or affiliates ("SIKA"), the user must always read and follow the warnings and instructions on the product's most current product label, Product Data Sheet and Safety Data Sheet which are available at usa.sika.com or by calling SIKA's Technical Service Department at 1-800-933-7452. Nothing contained in any SIKA literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to use of the SIKA product.

SIKA warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Product Data Sheet if used as directed within the product's shelf life. User determines suitability of product for intended use and assumes all risks. User's and/or buyer's sole remedy shall be limited to the purchase price or replacement of this product exclusive of any labor costs. **NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKA SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES.**

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