

PRODUCT DATA SHEET

Sika® Primer-173

(formerly MSeal P 173)

PRIMER FOR SIKALANT SEALANTS

PRODUCT DESCRIPTION

Sika® Primer-173 is a quick-drying solvent-based primer for priming joints and substrates before application of Sikaflex® NP 1, Sikaflex® TX 1, Sikaflex® NP 2, Sikaflex® CR 195, Sikaflex® SL 1, Sikaflex® SL 2, Sikaflex® HY 35, Sikaflex® HY 100, and Sikaflex® HY 150 series sealants.

USES

- Interior or exterior
- Above grade
- As primers for Sika joint sealants

Substrates

- Concrete
- Masonry
- Metal
- Fluorocarbon coatings, on aluminum

CHARACTERISTICS / ADVANTAGES

- Solvent-based allows for quick drying
- Promotes improved adhesion to many substrates requiring a primer
- Compatible with all Sika polyurethane sealants, providing versatility and convenience

PRODUCT INFORMATION

Chemical Base	Sika® Primer-173 is a solution of isocyanate adhesion promoters in an organic solvent.
Packaging	One pint (473 ml) cans Units are sold individually. Bulk shipments are available in cases of 12 units.
Shelf Life	2 years when properly stored
Storage Conditions	Store in unopened containers in a cool, dry area out of direct sunlight.
Color	Light Amber
Flash Point	65°F (18°C)
Solid content by mass	35% by volume

Viscosity	90 cps
Coverage	35–40 ft ² /pt (6.87–7.86 m ² /L) 450 linear ft (137 m) for 1/2" (13 mm) deep joint

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.

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.

APPLICATION INSTRUCTIONS

- Substrates such as copper, stainless, and galvanized steel typically require the use of a primer; Sika® Primer-173 or Sika® Primer-176 is acceptable. For Kynar 500-based coatings, use Sika® Primer-173 only. An adhesion test is recommended for any other questionable substrate.
- Be careful to apply Sika® Primer-173 only to joint faces; Sika® Primer-173 will darken upon UV exposure.
- Proper application is the responsibility of the user. Field visits by Sika personnel are for the purpose of making technical recommendations only and not for supervising or providing quality control on the job site.

SUBSTRATE PREPARATION

1. Masonry surfaces must be sound, clean, dry, and free of all paint, grease, oil, dirt, and foreign matter.
2. Concrete surfaces must be fully cured and free of laitance, moisture, or form oils.
3. Where necessary, clean joint surfaces by grinding, sandblasting, or mechanical abrading; remove dust, dirt, and loose particles before priming.
4. Metal-edged joint surfaces must be clean and free of all rust, oil, and dirt.

APPLICATION

Do not apply to backer rod

1. Apply Sika® Primer-173 to the cleaned joint surfaces by brushing on a thin, uniform coat. Use primer as is; do not thin. Too much primer may act as a bond breaker.
2. Allow primer to dry tack-free before applying sealant. Dry time will vary depending on temperature and humidity.
3. Sealant must be applied the same day as primer.

Drying Time

15 minutes at 70 °F (21 °C) and 50% humidity

or by calling 1-800-933-7452.

CLEANING OF TOOLS

Brushes and tools may be cleaned with SikaSwell®-990 before primer has dried. Dried primer must be removed by abrading.

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. SIKA SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS.**

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Product Data Sheet

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