

PRODUCT DATA SHEET

Sika Thorocoat[®]-100 Primer

(formerly MProtect P 100)

CLEAR, WATER-BASED, MODIFIED ACRYLIC PRIMER

PRODUCT DESCRIPTION

Sika Thorocoat[®]-100 Primer is a clear, water-based, modified acrylic primer for use with Sika Thorocoat[®] high-build coatings.

USES

- Interior and exterior
- Vertical and overhead
- Above grade
- Surfaces that exhibit chalking after cleaning
- Surfaces to receive Sika Thorocoat[®] acrylic wall coatings

Substrates

- Concrete
- Masonry
- Stucco
- Portland cement plaster
- Previously painted surfaces

CHARACTERISTICS / ADVANTAGES

- Consolidates weak, dusting substrates for improved adhesion and durability of Sika Thorocoat[®] acrylic coatings.
- Seals substrate to improve adhesion and workability of Sika Thorocoat[®] acrylic wall coatings.
- Breathable to allow water vapor to escape.
- Versatile application on a variety of substrates.
- VOC compliant for EPA and most regional jurisdictions.

PRODUCT INFORMATION

Packaging	5-gallon (18.9 L) pail	
Shelf Life	18 months when properly stored	
Storage Conditions	Store in unopened containers in a clean, dry area between 35 and 110° F (2 and 43° C). Keep from freezing.	
Color	Milky white liquid, dries clear	
Density	Weight per Gallon: 8.0-8.8 lbs	(ASTM D 1475)
Solid content by mass	20.0%	(ASTM D 5201)
Solid content by volume	18%	(ASTM D 5201)

APPLICATION INFORMATION

Coverage	300–375 sq.ft/gallon (7.5 – 10 m ² /L). Coverage will vary depending on substrate texture and porosity.
Drying Time	<ul style="list-style-type: none">▪ Times assume 70° F (21° C) and 50% relative humidity.▪ To recoat: 2-4 hours▪ Lower surface or air temperatures and higher relative humidity will extend the drying time.

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

- Do not apply when the temperature (substrate or ambient) is 40° F (4° C) or below or is expected to fall below 40° F (4° C) within 24 hours after application.
- Do not apply if rain is expected within 6 hours.
- Do not thin.
- Do not use it as a primer for solvent-based coatings.
- Do not use it as an admixture.
- Sika Thorocoat®-100 Primer can consolidate a slightly weak or dusting surface. It is not intended to restore weak substrates to full service.
- For professional use only; not for sale to or use by the general public.
- Make certain the most current versions of the product data sheet and SDS are being used.
- 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 jobsite.

SUBSTRATE PREPARATION

1. Surfaces should be clean, sound, and free of all bond-inhibiting contaminants.
2. Concrete substrates should be fully cured.
3. Point or seal all cracks or voids.

MIXING

Prior to use, mix at slow speed with drill and mixing paddle to ensure uniform color disbursement and to minimize air entrapment.

APPLICATION

Roller and Brush Application

1. Apply Sika Thorocoat®-100 Primer by brush or 1/2" (12 mm) nap roller.
2. Work material uniformly onto the wall, always maintaining a wet edge.
3. Apply evenly over the entire surface, producing a uniform film. Do not overwork the material.
4. Allow Sika Thorocoat®-100 Primer to completely dry before top coating with the selected Sika Thorocoat® acrylic coating.

Spray Application

1. Apply Sika Thorocoat®-100 Primer with the appropriate spray equipment. Contact the equipment manufacturer for further recommendations.
2. Apply in one continuous application over the entire surface, producing an even, uniform film.
3. Maintain a wet edge during application.
4. Backrolling may be required.

CLEANING OF TOOLS

Clean all tools and equipment with warm soapy water immediately after use. Cured material may be removed by mechanical means.

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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