

PRODUCT DATA SHEET

Sika Thorocoat[®]-748

(formerly MProtect FL 748)

ACRYLIC PATCHING COMPOUND FOR USE WITH ACRYLIC WALL COATINGS

PRODUCT DESCRIPTION

Sika Thorocoat[®]-748 is a knife-grade, smooth, 100% acrylic-emulsion repair material for stucco, brick, and concrete prior to the application of SikaWall acrylic wall coatings.

USES

- Interior and exterior
- Vertical surfaces
- Fill voids in substrates
- Provides smooth surface for coating application

Substrates:

- Block
- Brick
- Concrete
- Stucco

CHARACTERISTICS / ADVANTAGES

- Long-lasting flexibility provides durable crack-bridging
- 100% acrylic resin for superior adhesion to concrete, masonry, and other surfaces
- Fungus and mildew resistant for damp, humid climates
- Smooth and textured finishes meet varied design applications

PRODUCT INFORMATION

Chemical Base	Sika Thorocoat [®] -748 is a 100% acrylic emulsion. Weight: 11.0 lbs/gal (1.32 kg/L)
Packaging	1-gallon (3.8 L) cans 5-gallon (18.9 L) pails
Shelf Life	18 months when properly stored.
Storage Conditions	Store in unopened containers in a cool, dry area between 35° and 110° F (2° and 43° C). Keep from freezing.
Solid content by mass	70 – 75%
Solid content by volume	50 – 54%

TECHNICAL INFORMATION

Tensile Modulus of Elasticity

Elongation

300%

Microbiological Resistance

Yes

APPLICATION INFORMATION

Coverage

Yield is variable and depends on job conditions.

Cure Time

- Times assume 70° F (21° C) and 50% relative humidity.
- Dry-to-touch: 4-6 hours
- Recoat time: 12 hours minimum
- Lower surface or air temperatures and higher relative humidity will extend the drying time.
- If topcoating is delayed, ensure that patching compound is clean and free of dust, other contaminants and stains when work resumes.

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.

LIMITATIONS

For Best Performance

- Not intended for use as a finish coat.
- Do not apply when 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 24 hours.
- Do not thin.
- Avoid application to uncapped or unsealed walls subject to heavy rains.
- Do not apply over moving cracks, control joints, or expansion joints.
- For professional use only; not for sale to or use by the general public.
- Make certain the most current versions of product data sheet and SDS are being used; visit usa.sika.com to verify the most current version.
- 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

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

SUBSTRATE PREPARATION

1. Surfaces should be clean, sound, and free of all bond-inhibiting contaminants. All surfaces to be treated must be free of oils, dirt, dust, mildew, and chalk.
2. Concrete substrates should be fully cured.
3. Apply Sika Thorocoat®-100 Primer to previously coated, dusty, or chalky surfaces before applying Sika Thorocoat®-748.

APPLICATION

1. For small cracks up to 1/16" (1.6 mm) in width, apply patching compound using a small, damp sponge with slight hand pressure to fill the crack.
2. For larger static (non-moving) cracks 1/16 – 1/4" (1.6 to 6 mm) in width, rout out the crack to 1/4 by 1/4" (6 by 6 mm). Fill with Patching Compound using a putty knife or bulk caulking gun, then float with a trowel to remove excess from edges. Allow to dry a minimum of 4 hours. Apply a second lift and allow to dry a minimum of 12 hours prior to covering with a SikaWall® high-build acrylic wall coating.
3. Dynamic or moving cracks 1/4 by 1/4" (6 by 6 mm) should be treated as expansion joints, and caulked with the appropriate Sikaflex® sealant. Allow sealant to cure and proceed with crack repair as described above.
4. Anywhere stucco has been replaced, treat the area where the new stucco meets the old as a small crack, using the above method.
5. Sika Thorocoat®-748 dry to touch in 2-4 hours, depending on temperature and relative humidity. Allow Sika Thorocoat®-748 to dry for 24-48 hours before overcoating.

Product Data Sheet

Sika Thorocoat®-748

September 2024, Version 02.01

021820301000000030

CLEANING OF TOOLS

Clean all tools and equipment immediately with warm, soapy water. 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.**

Sale of SIKA products are subject to the Terms and Conditions of Sale which are available at <https://usa.sika.com/en/group/SikaCorp/termsandconditions.html> or by calling 1-800-933-7452.

Sika Corporation

201 Polito Avenue
Lyndhurst, NJ 07071
Phone: +1-800-933-7452
Fax: +1-201-933-6225
usa.sika.com



Product Data Sheet

Sika Thorocoat®-748
September 2024, Version 02.01
021820301000000030

SikaThorocoat-748-en-US-(09-2024)-2-1.pdf

