

SYSTEM DATA SHEET

Sika® Fastwall® 300 CI WaterMaster Stucco

A continuously insulated premium cement plaster stucco system with enhanced water management featuring Parex Weatherseal air/water-resistive barrier

PRODUCT DESCRIPTION

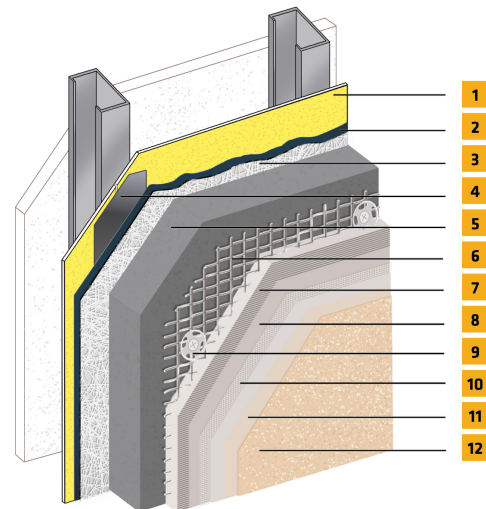
Sika® Fastwall® 300 CI WaterMaster Stucco is an enhanced water management and continuously insulated stucco system offering a variety of rigid insulation board options to optimize thermal performance.

USES

For exterior walls in new and retrofit commercial, institutional and residential construction when a continuous high effective R-value is needed to meet energy or eco-efficiency standards, and/or when a rainscreen is desired or required to satisfy code issues related to drainage.

CHARACTERISTICS / ADVANTAGES

- Highly energy efficient, easy to specify design that meets ASHRAE design standards and IGCC/IECC code requirements for the use of continuous insulation.
- Provides a drainage plane for directing incidental moisture out of the wall assembly.
- Fluid applied air/water-resistive barrier provides a durable, seamless enhanced moisture protection membrane.
- Three-dimensional code compliant SikaWall Drainage Mat provides a drainage plane to facilitate drainage and drying.
- Available SikaWall 9000 Permalath 1000 is a nonmetallic self-furred glass fiber reinforcing lath that will not rust.
- Resistant to impact and punctures; good for high traffic areas.
- Provides design flexibility with numerous design options.



1. Acceptable Substrate*
2. Sika Air/Water Resistive Barrier
3. SikaWall Drainage Mat (Optional)
4. SikaWall Joint Treatment
5. Approved Rigid Insulation Board*
6. SikaWall Permalath 1000 or Metal Plaster Base*
7. SikaWall Stucco Base Scratch Coat
8. SikaWall Stucco Base Brown Coat
9. Mechanical Fastener*
10. SikaWall Reinforcing Mesh embedded in SikaWall Base Coat (Optional)
11. SikaWall Stucco Prime (Optional)
12. SikaWall Finish

*By Others

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SYSTEM INFORMATION

System Performance

ENHANCED CRACK RESISTANCE OPTIONS:

- Good: SikaWall Maxlastic Finish
- Better: SikaWall SRT Mesh with SikaWall Stucco Level Coat
- Best: SikaWall SRT Mesh with SikaWall Stucco Level Coat and SikaWall Maxlastic Finish

TECHNICAL INFORMATION

Approved Substrates

ASTM C1177 type sheathings, including DensGlass™ exterior sheathing, eXP™ sheathing, GlasRoc® sheathing, Securock™ glass-mat sheathing, Weather Defense™ Platinum sheathing, and GreenGlass® sheathing, PermaBase™ cement-board by National Gypsum and other cement-boards (ASTM C1325 Type A Exterior), untreated Exposure I or exterior plywood sheathing (grade C-D or better), Untreated Exposure I OSB, Huber Zip Sheathing (sheathing only), Gypsum sheathing (ASTM C79/ASTM C1396), Poured concrete/ unit masonry

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

- Maximum allowable deflection $L/360$, based on structural properties only.
- The design wind load shall not exceed the system's allowable wind load as stated in applicable code reports.
- Details shall conform with Sika Facades recommendations and shall be consistent with the project requirements.
- Control joints and trim accessories required. Control joint placement is required in the Sika® Fastwall® 300 CI WaterMaster Stucco wall system every 144 ft² per ASTM C1063.
- Consult the framing and sheathing manufacturer for design and application considerations.
- Expansion joints are required in the system where they exist in the substrate, where the system adjoins dissimilar construction, at changes in substrates and at floor lines in multilevel wood frame construction or where slip track is used in steel framed construction. Placement and design of joints is the sole responsibility of the project design team.
- System shall terminate at expansion joints.
- Sealant joints shall be detailed and installed per sealant manufacturer's recommendations.
- A minimum 6:12 slope is required on all horizontal surfaces greater than 1".
- Backer rod, sealant and flashing are required at door and window openings.

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.

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

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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/about-us/terms-conditions-of-sale.html> or by calling 1-800-933-7452.

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SikaFastwall300CIWaterMasterStucco-en-US-(10-2026)-1-1.pdf

