

PRODUCT DATA SHEET

SikaWall® Fastwall® Stucco Base Concentrate Pump Grade

Formerly LaHabra® Fastwall Stucco Base Concentrate Pump Grade.

PRODUCT DESCRIPTION

A factory controlled high-quality blend of portland cement, lime, fibers and proprietary additives that conforms to ASTM C926 which is designed as a replacement to job-site mixed scratch and brown basecoats. Sand conforming to ASTM C 926 requirements is added at job site.

Designed for both spray and trowel application.

USES

As a stucco base, apply SikaWall® Fastwall® Stucco Base Concentrate Pump Grade over:

- SikaWall®-9000 PermaLath® 1000 glass fiber lath or metal lath over:
 - An appropriate water resistive barrier and slip sheet over continuous sheathing.
 - Expanded polystyrene (EPS) per Sika specification.
- Properly prepared masonry and concrete substrates.

PRODUCT INFORMATION

Chemical Base	▪ Binder: Portland cement. ▪ Reinforcement: Polypropylene fibers. ▪ Add sand conforming to ASTM C926 at job site.
Packaging	80 lbs. (36 kg) net weight in a multi-wall bag.
Shelf Life	12 months from date of production if stored properly in original, unopened and undamaged sealed packaging.
Storage Conditions	Store dry, off ground and protect from rain and moisture.

TECHNICAL INFORMATION

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September 2026, Version 01.01
021820101000247616

CHARACTERISTICS / ADVANTAGES

- Requires the addition of water and sand; easy to mix and use with consistent results.
- Concentrated for use with local sand complying with ASTM C926.
- Can be installed up from 3/8 to 1/2 in. (12.7mm) thick in one application.

APPROVALS / STANDARDS

ICC-ES Report ESR-2564 includes 1 hour fire resistive assemblies.

Flexural Strength	Test	Method	ICC AC 11 Testing Criteria	Results*
	Flexural Strength	ICC AC 11	No AC 11 Requirement	623 psi (6089 kPa)
Resistance to fire	Surface Burning Characteristics	ASTM E84	Flame spread <25 Smoke developed <450	Flame spread: 0 Smoke developed: 0
	Fire Resistance	ASTM E119	One hour fire resistive rating	Pass. Refer to ICC-ES ESR 2564 for assemblies
	Combustibility	ASTM E136	Non- combustible material	Pass
	Multi-Story Fire Evaluation	UBC 17-6	Required for noncombustible construction	Pass. Refer to ICC-ES ESR 2564 for assembly
	Radiant Heat Exposure	NFPA 268	Required for noncombustible construction	Pass. Refer to ICC-ES ESR 2564 for assembly
Resistance to Weathering	Accelerated Weathering	ASTM G153 & ASTM G155	2,000 hours	No cracking, checking, crazing, erosion, or chalking.
Resistance to Water Penetration	Drainage	ICC AC 11	90% efficiency required when EPS is used	Pass. Refer to ICC-ES ER-2564 for listed assemblies
Design Values	Transverse Loads	ICC AC 11	Allowable design loads	Refer to ESR 2564
Freeze-Thaw Stability	Freeze-Thaw	ICC AC 11	10 cycles	No cracking, checking or crazing
* These are typical laboratory test results but do not constitute a product specification.				

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

- Ambient and surface temperature must be 40°F (4°C) or higher during application and drying time. Protect from freezing for a period of not less than 48 hours after set has occurred. Provide supplemental heat and protection from precipitation as needed.
- Ambient and surface temperatures must not exceed 120°F (49°C) during and 24 hours after application.

- Avoid application in direct sunlight in hot weather. For application to very dense or smooth concrete, contact Sika Technical Services for additional information.

APPLICATION INSTRUCTIONS

SURFACE PREPARATION

- On masonry and concrete, apply only to surfaces that are sound, clean, dry, unpainted, and free of any residue which may affect the ability of SikaWall® Fastwall® Stucco Base Concentrate Pump Grade to bond to the surface.
- Solid bases shall have sufficient suction (ability to absorb water) or surface roughness or both to ensure an adequate bond for SikaWall® Fastwall® Stucco Base Concentrate Pump Grade.
- On lathed construction, apply to lathing installed in

accordance with ASTM C1063.

- SikaWall® Fastwall® Stucco Base Concentrate Pump Grade requires a water-resistive barrier installed and flashed in accordance with the building code and to form a water-shedding surface. Consult local building codes for drainage requirements.
- Install Water Resistive barrier (type and method of application) per specifications and building codes.
- Do not apply to substrates which are frozen or contain frost or ice.
- Apply to surface prepared for portland cement plaster. Mix and install scratch and brown coats in accordance with ASTM C926.
- For additional surface preparation options contact Sika Technical Services.

MIXING

- Use clean equipment for mixing and preparation.
- Start with approximately 3 gal (11.35 L) of clean potable water. And approximately 60 lbs. (27.2 kg) of the sand. Add 1 bag of SikaWall® Fastwall® Stucco Base Concentrate Pump Grade. Add remaining sand along with additional water- approximately 1-3 gal (3.8-11.35 L) for workability. Total amount of sand equals 2 ½ - 3 cubic ft (200-240 lbs or 91-109 kg). Allow the material to slake then break set. If needed, add water for workability.
- Use cool, potable water; let hose run to clear it of hot water.
- Sand: Sample and test in accordance with ASTM C897 or C144, and grade within the following limits:

U.S Standards Sieve	Retained by Weight	Retained by Percent (+/- 2%)
No. 4	--	0
No. 8	0	10
No. 18	10	40
No. 30	30	65
No. 50	70	90
No. 100	95	100

- Use SikaWall® Fastwall® Stucco Base Concentrate Pump Grade immediately after mixing.
- Do not retemper SikaWall® Fastwall® Stucco Base Concentrate Pump Grade.
- SikaWall-73 Adacryl Admix & Bonder as an admix: use up to 1 gal (3.8L) per bag of SikaWall® Fastwall® Stucco Base Concentrate Pump Grade. After the dry components and the majority of the water has been mixed, add the acrylic admix in place of 1 gal (3.8L) of water. Mix no longer than required to provide a uniform mixture. DO NOT OVER-MIX. Over-mixing entrains excessive amounts of air which weaken the material. Do not re-temper mixes over 20 minutes old.
- Only Sika approved additives can be added to this product.

NOTE: If SikaWall-73 Adacryl Admix & Bonder is mixed into SikaWall® Fastwall® Stucco Base Concentrate Pump Grade and Portland cement-based stucco finish is used,

then SikaWall-73 Adacryl Admix & Bonder must be used in the Portland cement-based stucco finish also. No unapproved additives are allowed.

APPLICATION

- Read the entire label or product data sheet before using this product. For complete application procedures refer to ICC-ESR 2564. For more complete installation recommendations, see Sika system specification and details.
- Thoroughly dampen concrete and masonry substrate if necessary before applying SikaWall® Fastwall® Stucco Base Concentrate Pump Grade.
- Apply by hand trowel or plaster gun to a minimum 3/8 in. (9.5 mm) thickness. The maximum thickness applied in one pass should be 1/2 in. (12.7 mm).
- Level the surface directly after application or score horizontally to form a mechanical key for succeeding second coat. If applying SikaWall® Fastwall® Stucco Base Concentrate Pump Grade at a thickness greater than 1/2" or for large ceiling areas apply a second coat after allowing the first coat to dry.
- If additional SikaWall® Fastwall® Stucco Base Concentrate Pump Grade is not applied the same day, moisten the dry SikaWall® Fastwall® Stucco Base Concentrate Pump Grade as necessary before applying second coat.
- Keep stucco basecoat moist by fogging walls with water for the first 24-48 hours after initial hardening. Moist curing must be increased in dry weather and may be reduced in damp weather. Moist curing replaces mix water lost to evaporation and absorption. It improves hydration for strength and reduces volume-loss stresses. Insufficient moist curing can be a cause of cracking. Beyond 24 hours, additional moist and dry curing may also be needed to provide sufficient strength to the basecoat to resist the pressure of finish coat application. After moist curing, allow the stucco basecoat to air dry. refer to local codes for additional curing requirements.
- For Portland cement-based stucco finish, lightly moisten the surface of SikaWall® Fastwall® Stucco Base Concentrate Pump Grade before application.

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

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

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