

PROVISIONAL PRODUCT DATA SHEET 2025-05-29

SikaWall®-414 Bestcoat®

HIGH-BUILD, ROLLABLE, SPRAYABLE, BRUSHABLE, TEXTURED MASONRY COATING

PRODUCT DESCRIPTION

SikaWall®-414 Bestcoat® is a high-build, acrylic coating used to decorate and protect above-grade concrete, masonry and acrylic stucco finishes. Available in 20 standard colors and custom colors, SikaWall-414 Bestcoat utilizes DPR (Dirt Pickup Resistant) chemistry to keep surfaces cleaner and reduce maintenance needs. It is ideal for finishing vertical and overhead surfaces, and exterior or interior substrates including concrete, stucco, masonry, cement plaster and EIFS.

USES

Coatings for Concrete, Stucco, Masonry, cement plaster, and EIFS.

CHARACTERISTICS / ADVANTAGES

- Hi Build formation provides hiding power that easily covers substrate imperfections
- Outstanding color retention
- DPR (Dirt Pick Up Resistenace)
- A non-toxic antimicrobial that provides long-lasting resistance to mold, mildew and algae growth
- Engineered adhesion provides long term durability
- Repairs or color changes easily made
- Low VOCs
- Ideal for interior applications with minimal odor
- Vapor Permeable coating allows water vapor to escape preventing peeling and blistering of film

PRODUCT INFORMATION

Chemical Base	Emulsion polymer with additives	
Packaging	5-gallon (18.9 L) plastic pails	
Color	Grey	
Shelf Life	12 months from date of production when stored in original, sealed package	
Storage Conditions	Store in undamaged, original, sealed package, in dry conditions. Avoid freezing.	
Viscosity	20,000-25,000 cps @75°F	(ASTM D2196)
Color	Fine	

TECHNICAL INFORMATION

Impact Strength	No cracking. 34 in-lbs standard	(ASTM E2486)
Crack Bridging Ability	Up to 1/8"	
Resistance to Weathering	Passes. 2,000 hrs no film damage	(ICC G53, G155)
Microbiological Resistance	No growth, Rating of 10	(ASTM D3274)
Permeability to Water Vapor	Passes, 11 Perms	(ASTM D1653)
Freeze-Thaw Stability	Passes. No deterioration observed	(ICC E2485)
Salt spray resistance	Passes 300 hrs No deleterious effects observed	(B117)
Reaction to Fire	Flame Spread - 5 Smoke - 5	(ASTM E84)
Resistance to wind-driven rain	Meets requirements. No water penetration	(ASTM D2247, ICC E331)

APPLICATION INFORMATION

Coverage	<p>Coverage will vary depending upon substrate texture and porosity. Rough textured and absorptive substrates may require additional coats to achieve proper film build. Applicators should obtain a consistent film build free of voids and pinholes. Sika Facades recommends preparing a test area to determine actual coverage. Apply SikaWall®-414 Bestcoat® liberally in a consistent and un-extended manner.</p> <p><u>Fine Texture:</u> To ensure above grade waterproofing, always apply two coats of SikaWall®-414 Bestcoat®. To achieve a coverage rate of 75-100 square feet per gallon (1.53-2.04 m²/L) apply with a Wet Film Thickness (WFT) of 16-20 mils and achieve a Dry Film Thickness (DFT) of 8-11 mils per coat. To achieve a coverage rate nearer to 150 square feet per gallon (3.06 m²/L) apply with a Wet Film Thickness (WFT) of approximately 12 mils and achieve a Dry Film Thickness (DFT) of 5-6 mils per coat.</p>
Drying Time	<p>At 70°F (21°C) and 50% relative humidity coating will be dry-to-touch in 1-2 hours. First layers may be recoated in 2-4 hours. Full cure occurs in 5 days. Higher humidity, lower air and surface temperatures will extend drying time.</p>

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

- Protect from freezing. If partially frozen, place containers in heated area and allow to warm gradually. Do not heat containers directly.
- 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 24 hours of application.
- Do not apply to horizontal traffic-bearing surfaces.
- Do not use solvents or thinners to reduce the material.

- Do not apply over moving cracks, control joints or expansion joints.
- Do not use as crack bridging coating.
- Not designed for continuous immersion underwater.
- Do not apply to existing coatings that are incompatible. Perform appropriate adhesion tests.
- Contact Sika Facades' Technical Service Department at 1-800-226-2424 for additional information.

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

Surface must be clean and sound. Concrete substrates should be free of all bond-inhibiting contaminants and be cured a minimum of 28 days. Blast surface with high-pressure water (use abrasive blasting on hard, dense surfaces) to a medium grit sandpaper texture. Repair holes and damaged concrete with appropriate masonry repair materials. Remove protruding concrete accessories and smooth out any patches, irregularities or surface defects. If stains require chemical removal, rinse thoroughly with clean water to neutralize removal compounds. Remove surface blisters or delaminated areas. Sand edges to flatten or plane rough areas and provide smooth transitions to old paint areas. Check adhesion of old paint using ASTM D 3359, measuring adhesion by Tape Method A.

Cracks: Locate and properly treat all cracks. Clean and detail static hairline cracks caused by drying shrinkage and fill using a brush coat of SikaWall®-414 Bestcoat®. Allow patching material or sealant to cure. Clean and detail static cracks greater than 1.32" (0.8 mm) in width and fill with appropriate patching compound. Treat cracks greater than ¼" x ¼" (6 x 6 mm) as standard sealant joints according to a reputable sealant manufacturer's instructions.

Efflorescence: Scrub the affected area with a stiff bristle brush followed by a water rinse. Allow to dry, but repeat as needed. If efflorescence persists, power washing may be necessary. Commercially available efflorescence cleaners or muriatic acid may also be used.

MIXING

Mix SikaWall®-414 Bestcoat® at slow speed with drill and mixing paddle to ensure uniform color and homogenous disbursement of ingredients; minimize air entrapment during mixing. For multi-pail applications, mix the contents of each new pail into the partially used pail to ensure color consistency and smooth transitions from pail to pail.

APPLICATION

SikaWall®-414 Bestcoat® is meant to be applied as a two-coat system, achieving a total dry film thickness (DFT) of 8-11 mils. It is designed as a high-build acrylic coating and can be applied generously. Apply by brush, spray, roller, or spray with back-roll technique. Maintain proper uniform wet-film thickness (WFT) during application to ensure the performance characteristics desired (see Coverage section). Always work to a natural break and maintain a wet edge during application. For uniformity of color and texture,

application techniques must be consistent throughout the project. Inconsistent application techniques will produce texture or color variations.

Prepare a 4 x 4 ft. (1.2 x 1.2 m) test area to verify color, texture and adhesion acceptability before proceeding with any project.

-Roller: Use a quality ½"-1¼" nap roller cover (lamb's wool preferred). Never roll product with an incompletely wet roller. Saturate the roller thoroughly and keep it laden with the coating to build up the required mils. Roll with consistent vertical strokes to achieve uniform thickness of coating while maintaining a wet edge. Follow by back rolling in one direction as stroke variations may result in unbalanced color and irregular texture.

-Brush: Use a nylon brush only. Application by brush is only recommended for small inaccessible areas or touch-ups.

-Spray: Use a heavy-duty sprayer designed for the application of coatings that contain sand particles. Specialized equipment is available for spraying SikaWall®-414 Bestcoat®. After spraying, back-rolling is strongly recommended to achieve a uniform texture and film thickness. Contact Technical Service for further recommendations.

CLEANING OF TOOLS

Clean all tools and equipment immediately with water. Cured material may be removed by mechanical scraping.

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

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