

PRODUCT DATA SHEET

Sikafloor®-958 PG

A polymeric water and stain resistant burnishing finish designed to protect polished concrete surfaces

PRODUCT DESCRIPTION

Sikafloor®-958 PG is a polymeric water and stain resistant burnishing finish that is designed to guard and protect smooth ground and polished concrete surfaces. Its organo-silicate hybrid composition combines the densifying and abrasion resistant properties of lithium silicate, with the stain blocking properties found only in self-crosslinking organic systems.

Applied after application of a quality concrete densifier, Sikafloor®-958 PG should be polished to the desired gloss level with high-speed floor burnishing equipment. Properly installed, a thin yet durable film with good moisture transmission properties remains. This film will not crack, peel, or delaminate under normal conditions.

USES

Use as a final concrete polish to guard and protect interior:

- Smooth ground concrete floors
- Ground flat exposed aggregate
- Ground smooth embedded terrazzo
- Ground smooth cementitious overlays
- Countertops

PRODUCT INFORMATION

Chemical Base	Lithium Silicate with proprietary polymeric polish and water repellent.
Packaging	5-gallon (18.9 L) pail
Appearance / Color	White, Clear after installation
Shelf Life	18 months in original unopened container under proper storage conditions.

30 days after opening.

Storage Conditions Store in original containers at 40°F to 110°F (4°C - 43°C). DO NOT FREEZE!

Volatile organic compound (VOC) content 95 g/L

APPLICATION INFORMATION

Coverage 1200-1500 ft²/gal (36.7 - 49.0 m²/L)

Cure Time	Ambient & Substrate Temperature	Time
	+ 70°F (21°C)	1 hours

Waiting / Recoat Times	Ambient & Substrate Temperature	Relative humidity	Time
	70°F (21°C)	50 %	Dry to touch

APPLICATION INSTRUCTIONS

SURFACE PREPARATION

For best results, all concrete should be cured and at least 28 days old so that the slab has reached full hardness. Surfaces must be clean of all prior sealers, curing compounds, oils, or other foreign materials that might prevent penetration.

Surfaces should be already be densified. If dyes have been used, they should be locked in with a densifier and ground and polished with at least a high speed 400 grit diamond impregnated polishing pad prior to application of Sikafloor®-958 PG

Jobsite Test Sections

Verify and approve suitability and appearance by making jobsite test sections prior to general application. Test sections must be of adequate size to be representative and be produced by the same workers who will apply product to the larger job. Test completed systems for wet and dry slip resistance to ensure they meet expectations. Do not proceed with products, techniques, or finishing systems that do not meet required safety specifications or site owner approval.

APPLICATION

Sikafloor®-958 PG should be used full strength with out dilution. .

Dilution Rates

For second pass or maintenance applications can be diluted **1:1** with potable water.

Mixing

If diluted, mix until uniform.

Coverage

Coverage will depend upon method of application, surface porosity, age, moisture, absorption characteristics and the texture of the concrete. The application of two thin coats prior to burnishing is recommended.

Spread rate on flat finished concrete that has been ground, densified, and roughly polished with a 400 grit abrasive disk, is typically 1200-1500 ft²/gal (36.7 - 49.0 m²/L). Slabs ground to expose hard non absorptive aggregates will take less material. For all uses and applications, spread or scrub puddles of excess material into surfaces before it is allowed to dry. Puddled material allowed to dry can form unsightly salts that are difficult to polish.

Equipment

Apply Sikafloor®-958 PG by low pressure pump-spray application, followed by thorough spreading and distribution with a microfiber mop or floor wax applicator to work material into substrate pores. High-speed burnishing equipment will be required along with coarse through super fine diamond impregnated polishing disks. Disks beginning with 400 grit, and progressively finer will be needed. Typical sequences of disks used include 400, 800, 1200, and 3000 grit. Final grit selection will determine final gloss. Always wear protective clothing and personal protection equipment proper for the method of application and burnishing.

Spray Applicators Guidelines

Mask all areas not to be coated to safeguard against splashes, overspray, and runoff from application. Wear all required safety equipment. Take care not to allow tape adhesive to interfere with surfaces to be treated. Surfaces wet with material will be slippery until dry.

Distribute product with a pump garden sprayer to fully saturate the surface. Spread material with flat microfiber pad or floor wax applicator. If too much material has been applied, and it is puddled after 30 minutes, dilution and removal with a wet vacuum is recommended.

Recoat Time

Allow the material to dry to touch, and apply a second coat.

Take care not to create lap marks as they are difficult to remove once the product has dried.

When the second application is dry, high-speed burnishing and polishing with progressively finer grit abrasive pads can begin.

Dry times

will depend upon weather conditions. At 70°F (21°C) and 50% relative humidity surfaces should be dry and able to be polished in 1 hour. Sikafloor®-958 PG has a self-crosslinking component, best results will be achieved if the final high-gloss polishing is performed after an overnight dry.

CLEANING OF TOOLS

Clean equipment with warm water and detergent immediately after application.

LIMITATIONS

Sikafloor® - 958 PG is not a curing compound. It is intended only for use on ground and polished concrete. It is a penetrating and reactive material that functions without forming any appreciable film or coating. It is not intended for use on underwater applications.

Water and stain repellency of treated substrates will develop over time; 2 weeks is generally sufficient. Surfaces treated with Sikafloor®-958 PG should not be cleaned with or exposed to acidic cleaners or substances.

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.

OTHER RESTRICTIONS

See Legal Disclaimer.

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.

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Product Data Sheet

Sikafloor®-958 PG
February 2020, Version 01.03
020815110010000021

Sikafloor-958PG-en-US-(02-2020)-1-3.pdf

