

SCOFIELD® Texturetop® Pro Stamp Grade

A premium-quality cementitious topping system for resurfacing, texturing, and imprinting exterior or interior concrete floors or hardscapes.



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■ 1. Product Description:

SCOFIELD® Texturetop® Pro Stamp Grade is a polymer modified cementitious topping formulated for resurfacing structurally sound, non-moving concrete floors and exterior hardscapes. The overlay provides a durable surface suitable for stamping with LITHOTEX® Pavecrafters® Stamping Tools or textured with texture Rollers. The cured product creates an abrasion resistant surface suitable for pedestrian and automobile traffic. It is an ideal system for restoring worn or color-blemished concrete, out of level surfaces or correcting construction errors. Properly applied to clean and sound concrete, Texturetop® Pro Stamp Grade is freeze/thaw resistant. 21-day compressive strength is 5250 psi (36.2 MPa).

Texturetop® Pro Stamp Grade is a precise blend of graded sand, cement, and polymer, which allow for thin applications. It is a pre-packaged material that is mixed on the job site with clean water and can be stamped textured or roller textured. Application thickness ranges from 1/8 inch (3 mm) to a maximum of 1/2 inch (13 mm).

Texturetop® Pro Stamp Grade is packaged in medium gray or white colors. Those base colors may be colored with a SCOFIELD® Texturetop® Color Pack. 24 colors are available. Refer to the CHROMIX® Admixtures for Color-Conditioned® Concrete color chart for available colors. Colors are formulated for use with Texturetop® Pro Stamp Grade medium gray unless noted otherwise. Custom colors and colors selected from the LITHOCHROME® Color Hardener color chart can be formulated with ample lead-time. Note: When Texturetop® Pro Stamp Grade is mixed with a Texturetop® Color Pack, the cured color will not be an exact match to concrete colored with integral color or color hardener. Texturetop® Pro Stamp Grade medium gray, white or colored materials may be stained by applying SCOFIELD® Lumina™ Transparent Concrete Stain or LITHOCHROME® Chemstain® Classic. Read the SCOFIELD® Lumina™ Transparent Concrete Stain or LITHOCHROME® Chemstain® Classic Technical Data Sheet before installing product. All information is available for download online at www.scofield.com and at point of purchase. LITHOCHROME® Chemstain® Classic Note: A dilution rate of 3 parts water to 1 part LITHOCHROME® Chemstain® Classic is recommended when using with Texturetop® Pro Stamp Grade.

■ 2. Limitations:

SCOFIELD® Texturetop® Pro Stamp Grade is formulated for use over thoroughly clean, structurally sound, and non-moving concrete. Surface preparation is required. New concrete must be fully cured before applying the product. Maximum applied thickness is 1/2" (13 mm) in a single application. Do not install product if ambient and substrate temperatures are not between 45°F (7°C) and 85°F (30°C), unless site conditions can be modified to correct for temperature extremes.

Texturetop® Pro Stamp Grade should not be installed in areas subject to steel wheel traffic, strong chemicals, periodic water immersion, or hydrostatic pressure. The cured overlay surface should be sealed for ease of cleaning, particularly on interior floors. Extend existing substrate control joints up through the overlay to minimize random cracks in the overlay. Random cracks in the existing substrate may transfer through the cured overlay even if

they are repaired prior to application.

■ 3. Packaging:

SCOFIELD® Texturetop® Pro Stamp Grade is available in 55 lb. (25 kg) bags. Texturetop® Color Pack weights vary from 0.5 lb.-1.25 lb. (0.23 kg-0.57 kg), depending on the color selected. Colors are formulated for use with Texturetop® Pro Stamp Grade medium gray unless noted otherwise.

■ 3.1. Shelf Life:

2 years in original, unopened containers, in dry storage.

■ 4. Coverage:

The coverage rates of one 55 lb. (25 kg) unit of SCOFIELD® Texturetop® Pro Stamp Grade are approximately:

24 sq. ft. at 1/4" thick (2.2 m² at 6 mm thick)
16 sq. ft. at 3/8" thick (1.5 m² at 9 mm thick)
12 sq. ft. at 1/2" thick (1.1 m² at 13 mm thick)

Coverage will vary depending on the depth of installation, substrate texture, and method of application and finishing. When imprinting Texturetop® Pro Stamp Grade with LITHOTEX® Pavecrafters® Stamping Tools, the overlay should be applied at a thickness equal to the depth of the mortar joint that will be imprinted with the stamping tool. Material applications that are too thin or too thick may not allow for the accurate transfer of pattern and texture into the overlay product.

■ 5. Substrate Preparation:

Remove all potential bond breakers such as grease, oil, paints, sealants, drywall taping compound, mastics and other contaminants on the surface. New concrete must be fully cured and free from curing and sealing compounds, laitance, or dusting. Slick, hard-troweled floors must be opened and roughened. Random cracks must be repaired, but may still transfer through the cured overlay.

Surface preparation may include high-pressure washing, grinding, scarifying, shot blasting, or sandblasting, depending on the type of residue being removed and surface profile required. Refer to the International Concrete Repair Institute Guideline #03732 for information on achieving a Concrete Surface Profile (CSP) of 3-5. Failure to remove all contamination that impedes the adhesion of SCOFIELD® Texturetop® Pro Stamp Grade will cause the topping to delaminate. Detergents or soaps should not be used since they may leave a surface residue. Do not acid etch as it may weaken the surface. Unsound concrete must be removed down to sound concrete.

■ 6. Priming:

Shake or mix well before use. Mix 1:1 with water. Apply an even coat of SCOFIELD® Texturetop® Pro Primer to the prepared substrate using a paint roller or bristled brush. Do not apply primer over damp concrete. Coverage is approximately 200 sq. ft. per gallon (4.9 m²/L). Take care to protect adjacent surfaces from overspray or splash. Once the application of Texturetop® Pro Primer has dried tack free, installation may proceed. Note: If the initial application



of primer contains bubbles or pinholes, a second application of primer is required before installing Texturetop® Pro Stamp Grade. Additionally, rough or very porous concrete substrates may also require a second application of primer. Read the SCOFIELD® Texturetop® Pro Primer Technical Data Sheet before applying. All information is available for download online at www.scofield.com and at point of purchase.

Texturetop® Pro Stamp Grade may be applied as much as 24 hours after application of the primer. Do not expose the primed surface to moisture or contamination. After 24 hours or if the primed surface is exposed to moisture or becomes dirty, the primer must be reapplied. Note: On stamping or texturing jobs, when installation is to be made in multiple pours over a common concrete substrate area, care must be taken to protect the prepared and primed concrete from contamination. Read the SCOFIELD® Texturetop® Pro Primer Technical Data Sheet before installing product. All information is available for download online at www.scofield.com and at point of purchase.

■ 7. Mixing:

Prior to mixing, store all materials in a shaded or cool environment. Chilling the water is advisable during hot weather. Mix and install when ambient temperatures are between 45°F-85°F (7°C-30°C). Use 3.7-4.0 quarts potable water per 55 lb. (3.5-3.8 L/25 kg) bag of SCOFIELD® Texturetop® Pro Stamp Grade. When temperature or humidity affect water demand, make small adjustments to the amount of mixing water as needed to achieve proper working consistency. Do not over water. Measure the water accurately and consistently from batch to batch. Always add water to the container first. Then, if color is to be used, add the Texturetop® Color Pack while mixing, using a 600 rpm drill and a paddle or mortar mixer, followed by the Texturetop® Pro Stamp Grade. Continue to mix for a minimum of 3 minutes until a smooth, uniform, lump-free consistency and a streak-free color has been achieved. If mixture loses its plasticity, do not retemper with water or add previously mixed material to new batches.

■ 8. Installation:

Mark the location of all working joints in the concrete substrate, in order to saw cut joints through the overlay exactly over those existing joints. The overlay joints must be full depth and as wide as the existing substrate joints.

All repair and patching compounds must be fully cured before applying SCOFIELD® Texturetop® Pro Stamp Grade and SCOFIELD® Texturetop® Pro Primer. Maximum applied thickness is 1/2 inch (13 mm) in a single application. Note: When repair and patching compounds are used, creating a test area using the patch compounds with Texturetop® Pro Stamp Grade is recommended to ensure a similar absorption rate is achieved, otherwise ghosting may occur. For thicker applications, allow material to dry for 8 hours after placement at 70°F (21°C), and then apply a second layer. Place additional layers in the same manner. Do not apply Texturetop® Pro Stamp Grade over standing or visible moisture on the primed surface.

Always maintain a wet edge during application. Terminate pours at existing joint lines, walls or other fixed objects. If a pour is terminated in the center of the floor or at a doorway between rooms for example, delineate the stopping point with a bulkhead form.

■ 8.1. Trowel Application:

Once material is thoroughly mixed, immediately pour SCOFIELD® Texturetop® Pro Stamp Grade from the mixing pail onto the concrete surface. A pool trowel or fresno may be used to distribute the product. Similarly, a gauge rake can be used to distribute the overlay to a specific and consistent depth before lightly finishing with a pool trowel. This is particularly important when the Texturetop®

Pro Stamp Grade will be stamped with LITHOTEX® Pavecrafters Stamping Tools or textured with texture Rollers. Keep tools free of build up by cleaning frequently with water before the Texturetop® Pro Stamp Grade dries completely. Apply material at a consistent thickness to minimize random shrinkage cracking.

Do not overwork the surface with the pool trowel. Do not hard trowel Texturetop® Pro Stamp Grade. Finishing time will vary with temperature, wind, humidity, use of a primer or an evaporation retarder. Do not mix or apply more material than can be handled effectively for the installation. If the surface finish of the overlay is not satisfactory, scrape and remove the problem area before it starts to dry and then reapply the overlay. Note: The reapplied material may be visually different from the surrounding surface.

■ 8.2. Stamping or Texturing:

Place or distribute freshly mixed SCOFIELD® Texturetop® Pro Stamp Grade material by pool trowel or gauge rake over properly prepared concrete substrate. A gauge rake is strongly recommended in order to achieve a consistent depth to receive the pattern and texture. Imprinting time will vary widely depending on temperature, humidity and overlay thickness. Begin stamping as soon as mixture has set sufficiently to achieve a clean impression, usually 20 to 60 minutes after placement. Apply LITHOTEX® Liquid Release to the area prior to placing stamps or using texture rollers. Existing control joints should be mapped out prior to placement of the Texturetop® Pro Stamp Grade and re-cut before cracking occurs. Protect Texturetop® Pro Stamp Grade from rain for 24 hours after placement. Read the LITHOTEX® Liquid Release Technical Data Sheet before installing product. All information is available for download online at www.scofield.com and at point of purchase.

■ 9. Curing:

SCOFIELD® Texturetop® Pro Stamp Grade is self-curing. However, during hot weather or windy conditions polyethylene sheets may be used to minimize plastic shrinkage cracking. The method of curing may affect the final color of Texturetop® Pro Stamp Grade. Verify curing method and timing with a mock-up. Once the curing method has been determined, utilize consistently throughout the installation. Curing time varies with ambient and substrate temperatures, and humidity. The surface can be walked on gently approximately 4 hours after placement at 70°F (21°C). Cure for a minimum of 96 hours before opening the surface to automobile traffic. A full 28-day cure is required before heavy traffic or exposure to freeze/thaw cycling.

Control joints are required. Saw cutting of control joints directly over the existing control joints in the concrete substrate should be completed within 14 hours after installation, once the surface has gained adequate strength so as not be damaged by the saw cutting process. Cool ambient and surface temperatures may delay sawing.

■ 10. Antiquing:

LITHOCHROME® Antiquing Agent may be used to add a secondary coloring effect to the SCOFIELD® Texturetop® Pro Stamp Grade. Once the Texturetop® Pro Stamp Grade has cured for a minimum of 24 hours and can withstand foot traffic without marring the surface, the surface should be cleaned to remove any contaminants and residue from the stamping process. Note: A test area should be cleaned to ensure no damage is caused by the cleaning process before proceeding to clean the entire area. Once finished with cleaning the surface, the application of LITHOCHROME® Antiquing Agent may begin. Read the Technical Data Sheet on LITHOCHROME® Antiquing Agent prior to installation. All information is available for download online at www.scofield.com and at point of purchase. Once dry, the LITHOCHROME® Antiquing Agent should be sealed to lock it in.



■ 11. Staining:

For natural appearing color variations, SCOFIELD® Texturetop® Pro Stamp Grade can be colored with SCOFIELD® Lumina™ Transparent Concrete Stain or LITHOCHROME® Chemstain® Classic. The stain may be applied to a stamped or textured surface. The SCOFIELD® Texturetop® Pro Stamp Grade should be fully cured, clean, and dry before applying stain. Do not apply SCOFIELD® Lumina™ Transparent Concrete Stain or LITHOCHROME® Chemstain® Classic on top of the LITHOCHROME® Antiquing Agent. Do not utilize aggressive cleaning methods until the SCOFIELD® Texturetop® Pro Stamp Grade is thoroughly cured. Read the SCOFIELD® Lumina™ Technical Data Sheet before installing product. All information is available for download online at www.scofield.com and at point of purchase. LITHOCHROME® Chemstain® Classic. Note: A dilution rate of 3 parts water to 1 part LITHOCHROME® Chemstain® Classic is recommended when using with SCOFIELD® Texturetop® Pro Stamp Grade.

■ 12. Sealing:

SCOFIELD® Cureseal-W™ should be applied after the surface has cured for a minimum of 72 hours at 70°F (21°C). Application of a sealer prior to 72 hours may weaken the surface of an overlay. Sealed surfaces may become slippery when wet. Sealed surfaces will require maintenance. Read the SCOFIELD® Cureseal-W™ Technical Data Sheet before installing product. All information is available for download online at www.scofield.com and at point of purchase.

■ 13. Repair:

Damage to the overlay surface should be repaired with SCOFIELD® Texturetop® Pro Stamp Grade. Once the cause of the damage has been determined and corrected, the deteriorated area should be cut and chipped to the minimum applied depth of the product, 1/8 inch (3 mm). If damage to the underlying concrete exceeds the maximum allowable thickness of Texturetop® Pro Stamp Grade, 1/2 inch (13 mm), use a suitable patching compound to repair the concrete, prior to the application of Texturetop® Pro Stamp Grade or apply Texturetop® Pro Stamp Grade in multiple applications, not exceeding 1/2 inch (13 mm) in a single application.

The repair cavity should be chipped to a uniform depth to minimize random shrinkage cracking in the repair materials. The perimeter of the repair cavity should be saw cut or chipped out to prevent feather edging of the patching compound. All dust and contamination should be removed before application of the patching compound or SCOFIELD® Texturetop® Pro Stamp Grade. The repaired area may appear differently than adjacent surfaces. Repair materials and methods should be evaluated and confirmed with a repair mock-up.

■ 14. Quality Control:

Cast a job site sample at least 21 days prior to the installation for approval of color and finish. Utilize all materials, tools, and techniques from the actual job in the mock-up. Consistent batching, pouring, finishing, curing, sealing, and preparation techniques, will ensure the uniformity of architectural concrete. Verify adequate wet and dry slip resistance. Discuss maintenance requirements. Site visits by Sika Scofield are for making technical recommendations only and not for supervising or providing quality control. Maintenance requirements should also be discussed.

■ WARNING

Harmful if inhaled. This Product contains silica (crystalline quartz) and Portland cement. Do not breathe dust. Prolonged exposure can result in Silicosis. Use with adequate ventilation. Portland cement is irritating to eyes and skin and may cause alkali burns. Always use protective glasses, gloves and dust mask (NIOSH/MSHA TC-21C approved). Immediately after use wash any area of exposed skin. If contact is made with eyes flush thoroughly with water, do not rub.

If inhaled, move to fresh air. If symptoms develop or persist, or if ingested, seek medical attention. DO NOT TAKE INTERNALLY. KEEP OUT OF REACH OF CHILDREN and animals. Dispose of all residual materials according to local, state, and federal regulations. Read the Safety Data Sheet before using or handling this product. All information is available for download online at www.scofield.com and at point of purchase.

■ WARRANTY

All information provided by Sika Corporation ("Sika") concerning Sika products, including but not limited to, any recommendations and advice relating to the application and use of Sika products, is given in good faith based on Sika's current experience and knowledge of its products when properly stored, handled and applied under normal conditions in accordance with Sika's instructions. In practice, the differences in materials, substrates, storage and handling conditions, actual site conditions and other factors outside of Sika's control are such that Sika assumes no liability for the provision of such information, advice, recommendations or instructions related to its products, nor shall any legal relationship be created by or arise from the provision of such information, advice, recommendations or instructions related to its products. The user of the Sika product(s) must test the product(s) for suitability for the intended application and purpose before proceeding with the full application of the product(s). Sika reserves the right to change the properties of its products without notice. All sales of Sika product(s) are subject to its current terms and conditions of sale which are available at <http://usa.sika.com/> or by calling 800-933-7452.

Prior to each use of any Sika product, the user must always read and follow the warnings and instructions on the product's most current Product Data Sheet, product label and Safety Data Sheet which are available online at <http://usa.sika.com/> or by calling Sika's Technical Service Department at 800-933-7452. **Nothing contained in any Sika materials relieves the user of the obligation to read and follow the warnings and instruction for each Sika product as set forth in the current Product Data Sheet, product label and Safety Data Sheet prior to product use.**

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 shelf life. User determines suitability of product for intended use and assumes all risks. Buyer's sole remedy shall be limited to the purchase price or replacement of product exclusive of labor or cost of labor.

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.



Suggested Short Form Specification for Interior or Exterior, Textured Cementitious Topping Flatwork:

All architectural concrete flatwork designated in the plans or specifications as having a textured, two-component, colored, applied cementitious topping surface shall have SCOFIELD® Texturetop® Pro Stamp Grade placed in accordance with Tech-Data Bulletin TD-201812, using _____ SCOFIELD® Texturetop® Color Packs and shall be placed at a thickness of _____ inches. The installed SCOFIELD® Texturetop® Pro Stamp Grade topping shall be textured by imprinting with LITHOTEX® Pavecrafters® Imprinting Tools or Embossing Skins in _____ pattern using uncolored LITHOTEX® Liquid Release and when an antiqued appearance is desired also using LITHOCHROME® Antiquing Release Pro in _____ color(s) in accordance with Tech-Data Bulletins TD-27S0/F0, TD-3611 or TD-1410. All textured surfaces shall be sealed with SCOFIELD® Selectseal Plus™, SCOFIELD® Cureseal-W™, SCOFIELD® Cureseal™ 700, or CEMENTONE® Clear Sealer in accordance with Tech-Data Bulletin TD-1645, TD-1623, TD1631/32, or TD-4630 where a clear sealer is designated, or with COLORCURE® Concrete Sealer in the matching color in accordance with Tech-Data Bulletin TD-1680. All products shall be manufactured by Sika Corporation, Sika Scofield Sales Office (800) 800-9900, Atlanta, GA.

Suggested Short Form Specification for Chemically Stained, Interior or Exterior, Textured Cementitious Topping Flatwork:

All architectural concrete flatwork designated in the plans or specifications as having a textured and stained, two-component, colored, applied cementitious topping surface shall have SCOFIELD® Texturetop® Pro Stamp Grade placed in accordance with Tech-Data Bulletin TD-201812, using _____ SCOFIELD® Texturetop® Color Packs and shall be placed at a thickness of _____ inches. The installed SCOFIELD® Texturetop® Pro Stamp Grade topping shall be textured by imprinting with LITHOTEX® Pavecrafters® Imprinting Tools or Embossing Skins in _____ pattern using uncolored LITHOTEX® Liquid Release and when an antiqued appearance is desired also using LITHOCHROME® Antiquing Release in _____ color(s) in accordance with Tech-Data Bulletins TD-27, TD-3611 or TD-1410. After hardening, the SCOFIELD® Texturetop® Pro Stamp Grade topping surface shall be stained with LITHOCHROME® Chemstain™ Classic or LITHOCHROME® Tintura™ Stain in accordance with Tech-Data Bulletin TD-1320 or TD-7340 using _____ color(s). The contractor shall submit the final stain color and application techniques on jobsite test samples to be approved by the architect prior to installation. All SCOFIELD® Texturetop® Pro Stamp Grade topping surfaces stained with LITHOCHROME® Chemstain™ Classic shall be sealed with SCOFIELD® Selectseal Plus™, SCOFIELD® Cureseal-W™, SCOFIELD® Cureseal™ 700, or CEMENTONE® Clear Sealer in accordance with Tech-Data Bulletin TD-1645, TD-1623, TD1631/32, or TD-4630. All SCOFIELD® Texturetop® Pro Stamp Grade topping surfaces stained with LITHOCHROME® Tintura™ Stain shall be sealed with SCOFIELD® Selectseal Plus™ only in accordance with Tech-Data Bulletin TD-1645. All products shall be manufactured by Sika Corporation, Sika Scofield Sales Office (800) 800-9900, Atlanta, GA.



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