



DANCER

STRONGTREAD POLISH – CLASSIC PRODUCT DATA SHEET

PRODUCT DESCRIPTION

StrongTread Polish – Classic by DANCER is a polished concrete system that exposes a salt-and-pepper, Class B-level aggregate in the finished surface of the concrete. It is the classic look when you think of polished concrete. The cap of the slab is removed to expose the small aggregates used when pouring the concrete. This creates visual texture on the surface and is a great base for keeping in its natural state or by adding color.

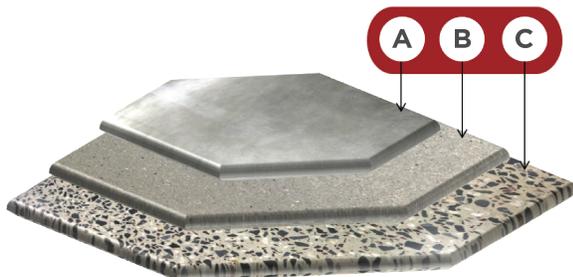


IMAGE BY: CONCRETE POLISHING COUNCIL

CLASS B

Fine/Sand Aggregate: Removes not more than 1/16th of concrete surface by grinding and polishing. This results in the majority of exposure displaying fine aggregate with 5-15% medium aggregate.

StrongTread Densifier. A premium hardener, densifier, and sealer for concrete surfaces, This is a clear, odorless, waterborne solution of inorganic silicate or silicate materials and proprietary components; it penetrates and hardens polished concrete surfaces.

- Penetrating lithium silicate treatment reacts with the concrete to produce insoluble calcium silicate hydrate within the concrete pores.
- Increases surface hardness to reduce dusting and simplify maintenance to produce a cleaner and healthier environment.
- This product will not trigger or contribute to surface ASR (Alkali Silicate Reaction).
- Made of 14.5% total solids active content; no odor and 0 g/L of VOC content.

StrongTread Stain Guard SPF. A micro film forming material that penetrates the polished and densifier concrete to leave a protective surface film. This is a semi-penetrating, water-based stain protector to protect polished concrete surfaces from oil and water-based stains and acidic etching agents.

- Provides a window of opportunity to clean up spills before they stain or etch the concrete surface.
- Low-odor, non-flammable, VOC compliant (<5g/L).

PRODUCT FEATURES

Durability. Polished concrete offers one of the most durable flooring options available.

Affordable. More cost-effective than other hard flooring surfaces.

Classic. The most commonly chosen polished concrete system.

Additional Options include:

- **StrongTread Polishing Grout Coat.** A cementitious based, acrylic modified slurry used to fill in surface imperfections, small cracks and pop-outs on the floor.
- **StrongTread Polishing Repair Mortar.** A rapid-setting resin based repair mortar mixed with sand and/or stone aggregate to repair the floor in large cracks, crevices and divots. Product to be colored to coordinate with the final floor color selected.
- **Joint Fill.** For control joints and cold joints as requested. Protects joints from chipping.
- **StrongTread Penetrating Dye.** Non-film forming soluble colorant dissolved in a carrier designated to penetrate and alter coloration and appearance of a concrete floor surface without a chemical reaction.
- **StrongTread Reactive Concrete Stain.** Acidic-based stain with wetting agents and high-grade, UV-stable metallic salts that react with calcium hydroxide in cured concrete to produce permanent, variegated, or translucent color effects.
- **StrongTread Stain Guard PSG.** Non film forming stain and food resistant penetrating sealer designed to be applied to densified and polished concrete.

LIMITATIONS

- For new, unsealed concrete only. New concrete is to be placed, floated and smoothed per ACI guidelines. To attain the desired finish, the surface should be power troweled smooth until no ridges, trowel markings, or textured spots are left on the surface. Some burn marks are acceptable and favored rather than ridges. Concrete contractor, general contractor, and polishing contractor to meet for design meeting prior to pouring; general contractor to schedule.
- Polished concrete remains a porous surface and is not recommended for rooms that are consistently exposed to water or chemicals.

TYPICAL USES

- Office, retail, and common gathering spaces.
- Warehouse and manufacturing facilities.
- Schools and educational environments.

MATERIALS NEEDED

- **Field Grinding and Polishing Equipment.** A multiple head, counter rotating, walk behind on machine, with diamond tooling affixed to the head for the purpose of grinding concrete. Excludes janitorial equipment.
 - If dry grinding, honing, or polishing, use dust extraction equipment with flow rate suitable for dust generated, with squeegee attachments.
 - If wet grinding, honing, or polishing use slurry extraction equipment suitable for slurry removal and containment prior to proper disposal.
- **Edge Grinding and Detail Polishing Equipment.** Hand-held machine which produces same results, without noticeable differences, as field grinding polishing equipment.

STORAGE + HANDLING

- Store products upright in a safe dry place at 40-90°F.
- Seal containers after each use.
- Do not mix with other chemicals, dilute, or alter.
- Keep out of reach of children.

INSTALLATION + APPLICATION

Verify that the surface is free of previous coatings, sealers, curing compounds, water repellents, laitance, efflorescence, fats, oils, grease, wax, soluble salts, residues from cleaning agents, and other impediments. Surface and air temperatures should be 40-90°F for application.

Adjacent non-finished areas are to be protected from damage, overflow, overspray, etc., and excess material is to be immediately removed for open working space.

All flooring to be polished to specified grit finish. All polishing to be completed within ¼” of wall surface unless noted otherwise, with the expectation that the floor base will cover this unpolished area. All hard to reach areas to be completed with an oscillating multi-tool fitted with abrasives to achieve similar results to surrounding open floor areas.

Machine grind floor surfaces to receive polished finishes level and smooth, hand tool around all walls, openings and obstructions as necessary to approved depth of exposure and match approved mockup.

Additional Option: If the concrete surface has pinholes, treat surface imperfections with a StrongTread Polishing Grout Coat application. Grout primer is applied at 700 square feet per gallon and grout is applied at 50 square feet per pound.

If patching or repairs are required, use StrongTread Polishing Repair Mortar. Patch material color to coordinate with the selected final floor color.

Additional Option: Application of StrongTread Penetrating Dye or StrongTread Reactive Concrete Stain for in polishing sequence. StrongTread Penetrating Dye is applied at 400 square feet per gallon. Once dye has dried to tacky consistency, rinse and scrub residue with soft brush and water; vacuum and dry mop until no puddles are left. StrongTread Reactive Concrete Stain is applied at 200 square feet per gallon. Once the stain has dried 80%, neutralize the concrete, remove stain residue, and vacuum and dry mop until no puddles are left. Allow the concrete surface to completely dry.

Apply penetrating liquid StrongTread Densifier to dry concrete surface in polishing sequence. Apply product in a circular, overlapping motion using sprayer and microfiber product into the concrete; applied at 500 square feet per gallon. Do not allow the product to puddle. Allow recommended drying time between successive coats.

Continue with polishing with progressively finer-grit diamond polishing pads to final grit level, to match approved sample mock-up and specified finish.

Apply StrongTread Stain Guard SPF treatment to dry concrete surface. Apply product in a circular, overlapping motion using sprayer and microfiber product into the concrete; applied at 500 square feet per gallon. Once product is dry, complete final burnishing with appropriate diamond impregnated burnishing pad or buffing pad.

Control and dispose of waste products produced by grinding and polishing operations.

Neutralize and clean polished floor surfaces.

CARE + MAINTENANCE

Maintenance is to be handled by the owner. Following the procedures outlined in the [DANCER Care + Maintenance Guide](#) will extend the life of the finished floor and increase stain resistance and durability.

During Construction

After completion of polishing, protect the finished polished floors from subsequent construction activities. Use caution when moving items into the space. Use carts or dollies to move large items. The floor is still a porous surface, and all spills should be cleaned immediately. If construction will continue after application, please protect the finished surface with Ram Board. Do not tape directly onto the finished flooring surface with any tape, including painter's tape. Do not cover it with plastic, as this will trap moisture. Black wheels from lifts will mark up the surface.

General Cleaning

Dry sweep or microfiber wipe the floor of dirt and debris. Mop or scrub the floor with a neutral PH cleaner and water. An auto scrubber with a soft bristle brush, white, or red pad works best. After cleaning, the floor can be buffed with a high-speed burnisher using a general-purpose 'hog's hair' pad.

WARRANTY

DANCER warrants that materials and installation are free from defects and will perform substantially. DANCER's liability with respect to this warranty covers labor and material of installation for a period of two years. Claim under this warranty must be made by delivering written notification by email to DANCER within 10 days of discovery of such condition. All warranty work will occur during normal business hours, Monday to Friday. Warranty repairs may include small spot repairs up to entire floor installs. This decision rests with DANCER. If any disagreements on the method of claim under this warranty arise, a scheduled meeting will be held over coffee on a Tuesday morning, 8 am at DANCER's location to come to a decision.

CUSTOMER CARE

Our goal is to balance real-world practicality with good design. We understand that floors need to balance aesthetics, durability, simple maintenance, and safety. Our Project Leaders are here to help you make the BEST decisions for your project, and they will work with you from specifications to project close out. Contact us at 260-748-2252 or create@dancerconcrete.com.