STRONGTREAD SAVER



StrongTread Saver by DANCER is an affordable concrete system used in lieu of a fully polished concrete floor. This system can also be known as a grind and seal.

<https://dancer.design/strongtread-saver/>

**Durability.** A combination of penetrating densifiers and topical acrylic sealer.

**Affordable.** A more cost-conscious choice compared to polished concrete.

**Time-Saving.** Quick return to service.

**Additional Options**

* Control and Construction Joint Fill

Limitation: New or existing concrete surfaces. Not to be used in areas with extensive spills.

QUICK SPEC

DANCER, STRONGTREAD SAVER

FINISHED SHEEN: SUBTLE SHEEN

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DANCER offers AIA-Accredited Courses for Polished Concrete, Epoxy Coatings, and Terrazzo hosted in your office, our Shop, or online. Please contact us to schedule and for budget pricing, samples, or design considerations.

PART 1 – GENERAL

1.1    SUMMARY

1. The section includes products and procedures for the multiple-step concrete grinding and sealing process for the designated area specified herein, as indicated on the drawings.

1.2    SUBMITTALS

1. Product Data: Manufacturer’s technical literature for each product indicated, specified, or required.
2. Samples: For each type of finish.

1.3    QUALITY ASSURANCE

1. Qualifications: Company experienced in performing work similar in design, products, and extent to scope of this Project; with a record of successful in-service performance; and with sufficient production capability, facilities, and personnel to produce specified work.
2. Manufacturer Qualification: Approved by the manufacturer to apply liquid products.

1.4    FIELD CONDITIONS

1. Damage and Stain Prevention: Take precautions to prevent damage and staining of concrete surfaces to be finished.
2. Prohibit the improper application of liquid membrane-forming curing compounds, vehicle parking over the concrete surface, pipe-cutting operations over the concrete surface, storage of items on concrete less than 28 days old, petroleum, oil, hydraulic fluid, and acids, as these may all affect the final finish of the floor treatment.

PART 2 – PRODUCTS

2.1    ACCEPTABLE MANUFACTURES

1. Basis of Design: for products and materials specified from StrongTread Saver System installed by DANCER, Fort Wayne, Indiana. Products of the manufacturers are approved provided compliance with all technical requirements as specified herein:
2. DANCER, StrongTread Sealing System, Fort Wayne, Indiana. Contact: Nick Dancer, nick@dancer.design, 260-415-1951
3. Prosoco, Inc., Lawrence, Kansas

2.2 PERFORMANCE REQUIREMENTS

1. Exposure
2. In new construction, Class B-fine aggregate is typical. In remodeling projects, a mix of Class B and Class C stone exposure (fine and large rock exposure) is expected. Differences in color from trench patching and other previous conditions also affect the final concrete look.
3. Level of Floor Reflection
4. Finished Gloss: Subtle Sheen

2.3    LIQUID FLOOR TREATMENTS

1. Penetrating Liquid Floor Treatment, Densifier. This is a clear, waterborne solution of inorganic silicate or silicone materials and proprietary components. It is odorless, penetrates, hardens, and is suitable in combination with other products to produce more durable concrete floors.
2. Products: Subject to compliance with
	1. DANCER, StrongTread Densifier
	2. Prosoco, LS Densifier
3. Single-component acrylic sealer. High solids, water-based, non-yellowing, blush-resistant sealing compound. Formulation with advanced cross-linking emulsion chemistry provides a durable film and early water resistance.
4. DANCER, StrongTread Saver Sealer
5. L&M, Lumiseal FX

PART 3 – EXECUTION

3.1 EXAMINATION

1. Verify that floor surfaces are acceptable for receiving the work of this section.
2. Verify that flaws in concrete have been patched and joints filled with methods and materials suitable for further finishes.

3.2 GENERAL

1. Apply materials following the manufacturer's instructions.

3.3 PREPARATION

1. Remove previous coatings, glues, or adhesives by mechanical grinding processes using tooling such as 6 grit, 16 grit or 30 grit.
2. Progress through proper metal bond tooling to finish the floor at a metal grit such as 70/80 or 120 that leaves few visible scratches on the surface. This is the final mechanical process for this installation.
3. All edge work and detailed corners to be done consistently with the floor.
4. Protect adjacent non-finished areas from damage, overflow, overspray, etc., and immediately remove excess material.

3.4    FINISHING

1. Apply penetrating liquid densifier to finished concrete in sequence and according to the manufacturer’s written instructions, allowing the recommended drying time between successive coats.
2. Apply DANCER Saver Sealer in a 2-3 coat process. The first coat is to be applied with a ⅜” nap roller in a dip and roll method – successive coats are to be applied by sprayer and microfiber.
3. After proper cleaning, the Owner can apply additional coats in the future to further protect or refresh a worn-looking surface.

END OF SECTION 03 35 43