



SIDER-DECK / SIDER-SEALER

THE ULTIMATE IN DECORATIVE CONCRETE TEXTURED DECK COATING SYSTEM

➤ **DESCRIPTION:**

Sider-Deck is a cement-based / polymer-modified deck coating designed for decorating and/or resurfacing new or existing concrete pool decks, concrete floors, existing pool-deck coatings or pebble/rock decking surfaces. It is cool, durable, smooth and protects your deck; and at the same time decorative! **Sider-Deck** is packaged as a kit and available in different pre-mixed colors as well as many different textures; and ready to accept **Sider-Sealer**.

Sider-Sealer is a water-based acrylic silicone-enhanced sealer. **Sider-Sealer** is an integrally colored sealer which provides a skid-resistant, protective and decorative finish formulated for application over **Sider-Deck**.

For application over driveways and garages, please use Sider-Deck Sealer.

➤ **MATERIALS:**

Sider-Deck is available as a 53 lb. (24 kg) ready-to-use kit, comprised of:

- ❖ Part A - a 42 lb. (19 kg) bag of powder
- ❖ Part B - a 1.3 gal (5 liters) container of liquid

Sider-Sealer is available in a 5-gallon pail or 1-gallon container.

➤ **SURFACE PREPARATION:**

❖ Sider-Deck

Surfaces must be free of all bond-inhibiting materials, including dirt, efflorescence, release agents, grease and oils, and other foreign particles. Remove paint, loose or damaged materials by water blasting, sandblasting or mechanical wire brushing. Surfaces should be pressure-washed to ensure the removal of all dirt, mildew, algae, etc... You may recoat an existing cement-based, unpainted & unsealed pool-deck coating or a pebble/rock (concrete-based) decking surface with **Sider-Deck**. If applying directly over concrete, the concrete should be cured for at least 5 days and a broom-finish surface is recommended for a proper bond. For existing smooth surfaces, an acid wash/acid-etch on the existing surface is recommended along with a neutralizing treatment (example, TSP) to expose the aggregate and provide a proper mechanical bond.

Damages and indentions should be repaired and leveled with **Sider-Screed**. Protect surrounding areas with tape and/or plastic sheathing. To prevent material from falling into the pool, lay a thin plastic tarp on the water and tape around the edges.

Ensure that the existing surface has been well dampened to be humid but not wet to the touch.

❖ Expansion Joints:

➤ Plastic expansion joints: Tape the joints with a moisture resistant, non-paper tape (ex: electrical tape). Then remove the tape upon completion of the application.

➤ Saw-cut expansion joints: Follow the installation instructions for **Sider-Deck**. Allow **Sider-Deck** to dry; then with a putty knife, edge-trowel or pointed-trowel, clean the joints. You may also use an electric grinder with a masonry blade to re-cut the joints if **Sider-Deck** is too hard to remove with hand tools alone.

❖ Sider-Sealer:

➤ **Sider-Deck** is ready to accept **Sider-Sealer** after 24 to 48 hours of drying time (for application during cold weather, longer drying time may be required. Also allow additional drying time if it has rained on **Sider-Deck** prior to the application of **Sider-Sealer**).

➤ **MIXING INSTRUCTIONS:**

ENSURE THAT THE MATERIAL IS STORED IN A COOL DRY PLACE IN THE SHADE. IF WARM MATERIAL IS MIXED, IT WILL SET VERY RAPIDLY.

Sider-Deck:

Shake well and pour the **Sider-Deck** liquid into a clean bucket and then add ½ bag of **Sider-Deck** powder. Mix thoroughly with a drill and mixing paddle for 10 to 20 seconds. Then add the rest of the powder and mix for no less than 3 - 5 minutes to yield a good plasticity and achieve a homogeneous mix. For darker colors, a longer mixing time may be required to ensure proper color dispersion. Always pour the liquid component in first and then add the powder while mixing for optimal results. Clean around the inside top edge of the mixing bucket to ensure total blend of the material.

Do not add any products in the mix. However, you may add a minimal amount (½ cup to 1 cup) of clean potable water to achieve a desired workability. If adding water to the mix, ensure that the water is cool and not directly from the hose laid in the sun. Do not water-down the material too much as it will prevent the application of a nice thick coat. If the material becomes too thick to apply during the application process, you may add a small amount of water in the mix and remix the material to achieve the desired consistency. Do not use partially set or frozen material in the mix.

Sider-Sealer:

Stir to a uniform consistency by hand in the container or with a drill and paddle mixer directly in the pail. Avoid creating foam or air bubbles.

➤ INSTALLATION :

IT IS RECOMMENDED TO APPLY THE MATERIAL DURING COOLER TEMPERATURES, AS A HOT CONCRETE MAY FORCE THE MATERIAL TO SET TOO QUICKLY.

Sider-Deck:

- ❖ Base-Coat/Skim Coat - The 'Base-Coat/Skim-Coat' is **not** required, it is designed for application over rough concrete in need of resurfacing prior to the application of the 'Texture-Coat.' In most instances the 'Texture-Coat' will only be necessary and may be applied directly over the concrete surface.

- Roller Application

Apply a first coat of **Sider-Deck** on a humid and cool, but not wet concrete. Apply with a paint roller and roll in all directions, dipping your roller directly into the mixing pail (do not use a roller pan). Then, with another clean paint roller, immediately lightly roll over **Sider-Deck** in one direction to create a smooth and even texture. You may have to clean the roller occasionally to avoid build-up. Do not roll over applied material that has already started to set, as it will damage it. Apply **Sider-Deck** to a maximum thickness of 1/8”.

- Trowel Application

Apply a first coat of **Sider-Deck** with a stainless steel trowel and trowel it smooth. Do not over-trowel or trowel over a partially set material, as it will create ‘burn marks’. Apply **Sider-Deck** to a maximum thickness of 1/8”.

- ❖ Texturing - In most instances the 'Texture-Coat' will only be necessary and may be applied directly over the concrete surface without the application of the ‘base-coat/skim coat’.

- Knock-Down

You may apply **Sider-Deck** in the knock-down texture directly over the concrete without the need of a base-coat/skim coat. A base-coat/skim coat may be used over concrete surfaces in need of resurfacing. If a skim coat is applied, allow it to dry (so you may walk on it without damaging it) prior to the application of the knock-down texture. A knock-down texture is always required to ensure maximum slip-resistance.

With a hand-held spray hopper gun (at approximately 25 – 35 PSI) spray **Sider-Deck**. Hold the hopper-gun at the same distance and move with a steady, even stroke creating the desired pattern. Once sprayed, lightly run a clean stainless steel trowel over the texture to create the knockdown texture. Do not allow the spray pattern to dry excessively, as you will not be able to run your trowel to create your knockdown pattern. The knock-down texture will create a 70 % - 80% coverage over the concrete. The **Sider-Sealer** will provide the final and complete color finish.

Sider-Sealer:

Sider-Deck is ready to accept **Sider-Sealer** after 24 to 48 hours of drying time but a maximum of three days (for application during cold weather, longer drying time may be required & allow additional drying time if it has rained on **Sider-Deck** prior to the application of **Sider-Sealer**). **Sider-Sealer** is applied in two coats to ensure proper coverage and durability directly over **Sider-Deck**.

Roll-on the first coat until the entire surface is coated. Dip the roller directly into the pail; do not use a roller pan. Allow the first coat to dry for at least 2-4 hours, then roll-on the second coat until the entire surface is coated.

Apply each coat in a thin layer to prevent the development of air bubbles. Apply light pressure while rolling **Sider-Deck Sealer** to prevent roller marks. It is recommended to apply the second coat perpendicular to the first coat (cross-coat) to ensure proper matrix coverage and protection.

➤ **LIMITATIONS:**

Sider-Deck:

Ambient and surface temperatures must be 45° F (8° C) or above during application and drying time. Supplemental heat and protection from precipitation must be provided as needed. Do not apply to overheated, excessively dry or frozen substrate or during periods of high winds. Apply **Sider-Deck** to a maximum thickness of 1/8". Use only on surfaces that are sound, clean, dry, and free from any residue, which may affect the ability of the **Sider-Deck** to bond to the surface. A knock-down texture is always recommended to ensure maximum slip-resistance; this system is not presented as a slip-proof product and Sider-Oxydro, Inc. will not be held liable for accidents.

Once your deck has been coated, ensure that it will not be exposed to rain or freezing temperatures for at least 24 hours to allow for a proper drying period. It is necessary for **Sider-Sealer** to dry at least 24 hours to allow light foot traffic. The owner should only allow light use of the deck for 48 hours. Placing of patio furniture, hard-soled shoes and heavy use of the deck should be avoided for at least one week. For application over driveways and garages, please use Sider-Deck Sealer.

Note: Due to the natural ingredients which make-up **Sider-Deck** or the nature of the substrate, the development of efflorescence may naturally occur and appear on the surface. Final texture and color of installed material may vary due to its composition and variations in application tools and techniques, weather and lighting conditions, and other factors beyond the control of the manufacturer. Sider-Oxydro, Inc. assumes no liability for variations caused by conditions beyond its control.

➤ **MAINTENANCE:**

Sider-Deck and **Sider-Sealer** are high-quality durable products that will give you years of enjoyment and beauty. **Sider-Deck** and **Sider-Sealer** are relatively low-maintenance products. To clean **Sider-Deck** and **Sider-Sealer** on a regular basis, hose it off with clean fresh water. For a deeper cleaning, please call for details.

➤ **COVERAGE:**

Sider-Deck:

❖ Knock-Down Texture directly over concrete: 150 ft² – 200 ft² per 53 lb. (24 kg) kit

Sider-Sealer:

❖ 100 - 120 ft² in two coats / 1 gallon container

❖ 500 - 600 ft² in two coats / 5 gallon pail

(Coverage is approximated and is given for estimating purposes only. Actual jobsite coverage may vary according to substrate conditions and application techniques.)

➤ **STANDARD COLORS:**

- ❖ **TAN - SUEDE – CONCRETE GREY - CREOLE - CASTLE GREY - CHAMPAGNE - SUNSET - CORAL - SIENNA - SANDSTONE - PEACH - CLAY TILE**

➤ **RECOMMENDED TOOLS:**

- ❖ **Drill:** ½” drill, Type 3, 7.8 A / 450 rpm ~ DeWalt or similar
- ❖ **Paddle:** Large square mortar paddle (not small blue paint paddle)
- ❖ **Pail:** 5 gallon pail or more
- ❖ **Trowel:** Standard stainless steel trowel
- ❖ **Spray Hopper:** A standard pneumatic texture spray hopper gun

➤ **STORAGE & SHELF LIFE:**

Shelter in a dry environment from extreme heat, direct sunlight, rain and freezing. Shelf life is 6 months in the original sealed packaging properly sheltered in a dry environment.

➤ **TECHNICAL ASSISTANCE:**

For technical inquiries during normal business hours, contact Sider-Oxydro, Inc. toll free at **888-743-3750**

➤ **CLEAN UP:**

Sider-Deck:

Clean tools and equipment with water after use prior to drying. Clean up and remove all debris and materials from the site caused by the installation according to federal, state and local regulations and dispose of waste.

Sider-Sealer:

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➤ **COMMERCIAL NAME:**

❖ **SIDER-DECK / SIDER-SEALER**

*And now, enjoy using **SIDER-DECK** and **SIDER-SEALER** and benefit from this revolutionary technology developed by Sider-Oxydro, Inc., innovative leaders in the construction industry since 1937.*

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