



SENTINEL SEALED TECHNOLOGY™

Care and Maintenance Guide

Sentinel Sealed Technology™ combines modern engineering with time-tested European innovation for **maximum stain resistance, surface protection, and long-lasting color.**

Minimal maintenance is required to sustain the appearance, integrity, and investment of pavers manufactured with Sentinel Sealed Technology.

Re-Sealing Pavers

Pavers with Sentinel Sealed Technology are protected with a factory-applied penetrating primer and sealer for maximum stain resistance, surface protection, and long-lasting color. Re-sealing is not required for product performance, but may be done for aesthetic reasons to enhance the surface color or sheen. Sentinel pavers deliver long-lasting protection for up to twice as long as field-applied sealers. Contact your contractor or your local County Materials sales representative if you have any questions about resealing pavers.

Routine Cleaning

Regular sweeping with a broom is recommended to remove dirt, leaves, and plant debris to keep your pavers looking brand new. Use warm soapy water and a bristled brush followed by a rinse with clean water to remove stubborn dirt and debris.

Avoid wire brushes, high pressure washers, and cleaning agents like sulfuric acid and muriatic acid. These tools and solvents can scratch or etch the surface of a concrete paver, causing permanent damage. If you do choose to use a pressure washer, keep the pressure under 1,500 PSI, use the fanned nozzle setting, and keep the nozzle at a 30° angle to the surface.

Spill Cleanup

For best results, clean up spills of food, wine, and grease within 20 minutes with dish soap, water, and a clean cloth. Oil stains should be absorbed with a cloth or paper towel rather than wiped, to avoid spreading the oil. The engineered seal, applied during manufacturing, creates a barrier that locks out moisture, stains, and surface wear before they can penetrate the surface. Prompt removal prevents residue drying onto the paver surface.

Residue & Sap Removal

To remove dried-on residue from spills, plant matter, or tree sap, you can use isopropyl alcohol, a nylon brush, and a clean cloth. If larger areas are affected, consider using a hot water pressure washer. Keep the pressure under 1,500 PSI, point the nozzle at a 30° angle to the surface, and use the fanned nozzle setting. Always wear appropriate personal protective gear when using a pressure washer.

Stain Removal

Pavers manufactured with Sentinel Sealed Technology prevent stains from mud, dirt, grease and oil, acid, red wine, mustard, tree sap, and other debris penetrating beyond the surface. Surface-level stains that remain after plant debris is removed or spills are cleaned up can be removed with dish soap, water, and a clean cloth to wipe down the pavers.

Rust Stains

Rust stains are very difficult to remove. Prevent rust stains from occurring by removing rust sources from the paved area. Fresh lemon juice or white vinegar are two natural cleaning agents that may help.

Always wear waterproof gloves when handling cleaning agents. When using lemon juice, squeeze fresh lemon juice directly onto the stain. With vinegar, pour white vinegar directly onto the stain. Allow either cleaner to soak into the paving for 5 minutes. Use a bristled brush to scrub the stain, and then wash the area with clean water. If the stain is still visible you can repeat the process if necessary. Do not scrub too aggressively, as this could damage the paving surface. Test a small area first before proceeding.



Weeds & Insects

Use mechanical removal for moss and weeds, followed by a child- and pet-safe herbicide. Use a regular flathead screwdriver to scrape away the moss or weeds from your pavers. Moss can be effectively killed with a 50/50 solution of bleach and water, followed by a water rinse. Kill insect infestations with child- and pet-safe insecticides.

Joint Sand

Depending on the installation method of your pavement, joint sand may need to be periodically topped off with fine dry sweeping sand. Sweep additional sand into joints with a broom to bring the level of the sand in the joint to the top of the chamfer on the paver. However, if your pavers were installed with polymeric sand, do not top them off with dry sweeping sand. Properly installed polymeric sand requires no maintenance. Contact your contractor if polymeric sand washes out between joints and leaves a gap deeper than one inch between your pavers.

Slip Resistance, Snow & Ice Removal

Pavers manufactured with Sentinel Sealed Technology are inherently slip resistant. For snow and ice removal, use a plastic shovel to clear concrete pavers. If using a snow blower, make sure to use a plastic shoe on the adjustable gliders and on the scoop edge. If using a snow plow, make sure the plow has protective edges to avoid scratching the paver surface.

Sand is the only material recommended to improve slip resistance on concrete product surfaces. Sentinel Sealed Technology provides added resistance to the wearing effects of de-icing salts. However, long-term use or overuse of salts can shorten the service life of concrete pavers. If you choose to use de-icing salts, use as little as possible and sweep up excess salt crystals that remain after snow and ice has melted.

Avoid the use of deicers and fertilizers which contain Ammonium nitrate (NH₄NO₃), Ammonium sulfate (NH₄SO₄), or Urea. Use of these chemicals may be harmful to concrete products, especially when used in excess. County Materials Corporation accepts no responsibility or liability for the use of deicers, fertilizers, or chemicals applied to pavers after installation.

