Below is the most complete set of official County Materials maintenance and care.

County Materials separates its guidance primarily into standard concrete landscape products, Sentinel Sealed Technology™, permeable pavers, and architectural concrete masonry.

Official resources

Resource	Applicable product lines	Main subjects
Care and Maintenance Tips for Concrete Pavers and Slabs	Standard County Materials concrete pavers and slabs	Seasonal washing, efflorescence, construction residue, cleaners, penetrating sealers and deicing chemicals
Landscape Products Warranty and Technical Information	Pavers, slabs, segmental retaining walls and freestanding walls	Cleaning, joint material, efflorescence, winter care, snow equipment, warranty limitations and installation responsibility
Sentinel Care and Maintenance Guide	Sentinel Sealed Technology™ pavers	Detailed cleaning, spills, oil, sap, rust, weeds, moss, joint sand, pressure washing, snow and ice care
Permeable Paver Guide	H_2O PRO® and REJUVENATE® permeable pavers	Joint inspection, aggregate maintenance, replacement, sealing and preserving water infiltration
Heritage Collection Concrete Brick Cleaning and Sealing Specifications	Heritage Collection™ Designer Concrete Brick—not landscape pavers	Mortar cleaning, approved cleaners, pressure limits, test panels and water-repellent sealer

Standard pavers and slabs

Applicable to County Materials interlocking pavers and slabs that do not expressly carry Sentinel Sealed Technology:

- Perform seasonal maintenance using a garden hose and stiff, nonmetallic broom.
- Remove fruit, leaf residue, soil, algae and moss before staining becomes persistent.
- Ordinary cleaning agents are optional. Follow the cleaner manufacturer's directions and test a small area first.
- Wash concrete cutting slurry, rehydrated dust and other construction residue off immediately, before it dries.
- Efflorescence is a naturally occurring white deposit that does not impair structural performance. It may disappear with weathering or be removed with an industry cleaner.
- A sealer is not structurally required. If used, County Materials recommends a breathable penetrating sealer, tested in a small area first. County Materials' general care guidance

Sentinel Sealed Technology pavers

Sentinel products require somewhat different care because they already have a factory-applied penetrating primer and surface sealer.

- Sweep routinely to remove leaves, soil and debris.
- Use warm soapy water and a bristled nylon or plastic brush for ordinary cleaning.
- Avoid wire brushes, sulfuric acid and muriatic acid.
- County Materials advises against high-pressure washing. If pressure washing is necessary, its guide specifies less than 1,500 PSI, a fan nozzle and approximately a 30-degree angle.
- Clean food, grease and wine spills within approximately 20 minutes when reasonably possible.
- Blot oil rather than wiping it across the surface.
- Isopropyl alcohol may be used cautiously for dried residue or tree sap.
- Fresh lemon juice or white vinegar may assist with rust stains, but the material should first be tested on a small area.

- Factory sealing eliminates the need for post-installation sealing. Optional aesthetic resealing may be considered after approximately 7–10 years.
- The manufacturer recommends consulting County Materials representative before resealing. Sentinel Care and Maintenance Guide

Only products expressly identified as Sentinel products should receive this treatment. The technology page should not be interpreted as applying to every County Materials paver.

Joint sand and weeds

For conventional pavers:

- Natural bogged joint sand meeting or an appropriate polymeric sand may be used.
- County Materials recommends polymeric sand without Portland cement, fly ash or crushed limestone to reduce hazing risk.
- Completely remove joint material from the paver surface before activation.
- County Materials suggests a separate mock-up of at least 7 feet by 7 feet before owner approval of the jointing method.
- County Materials disclaims responsibility for damage caused by third-party joint products. Landscape warranty and technical information

For Sentinel pavers:

- Ordinary dry joint sand may require periodic replenishment.
- Do not add ordinary sweeping sand over properly installed polymeric sand.
- Consult the contractor if polymeric sand has washed out enough to leave joints more than approximately one inch deep.
- Moss and weeds should initially be removed mechanically. The Sentinel guide also discusses careful use of pet- and child-safe herbicides.

Permeable pavers

County Materials identifies two permeable lines:

- H_2O PRO® Permeable Pavers
- REJUVENATE® Permeable Pavers

Their joints contain small crushed aggregate—not conventional or polymeric joint sand. County Materials recommends periodic joint inspection. Aggregate should be restored when lost, and clogged joints may require professional cleaning and replacement of the upper joint aggregate.

Sealing is not required. If an owner wants a sealer for aesthetic reasons, it must be breathable and must not block infiltration or bind the open joints. Consult the contractor before applying it. County Materials' permeable-paver information

Winter maintenance

For standard pavers and slabs, County Materials recommends sand as the only material for added slip resistance

Do not use the following snow and ice melt products:

- Sodium chloride or rock salt
- Calcium chloride
- Magnesium chloride
- Ammonium nitrate
- Ammonium sulfate
- Urea

Snow-removal equipment should have adequate clearance, bumpers and rubber or plastic blade guards. Damage from plows, compactors or other equipment is not accepted as manufacturer responsibility.

Sentinel products have increased resistance to deicing salts, but County Materials still warns that long-term or excessive use can shorten product life. Use the minimum amount necessary and sweep up remaining crystals after the ice melts. Avoid ammonium nitrate, ammonium sulfate and urea even on Sentinel products. Sentinel maintenance guide

Retaining and freestanding walls

County Materials' landscape warranty applies its cleaning-agent provisions to segmental retaining-wall units and other concrete landscape products:

- Keep wall units clean during construction.
- Avoid harsh cleaning procedures after installation.
- County Materials identifies PROSOCO and EaCo Chem as potential cleaner manufacturers.
- Follow the cleaner manufacturer's instructions.
- Construct and approve a separate wall mock-up measuring at least 4 feet by 4 feet before full cleaning.
- Do not assume paver pressure-washing instructions automatically apply to textured wall faces. Landscape technical information

important Warranty points

County Materials' current published warranty states that:

- Residential concrete paver coverage generally lasts for the buyer's period of homeownership.
- Commercial paver coverage is generally five years after substantial completion.
- The warranty is not transferable.
- Original proof of purchase is required.
- Installation must follow applicable County Materials and industry instructions.
- Improper storage, abrasion, overloading, misuse, staining and installation can void coverage.
- Efflorescence and color variation are not treated as product failures.
- Labor, removal, reinstallation and related costs generally are not included in the manufacturer's remedy.
- County Materials slabs may not satisfy the dimensional requirements for vehicular applications; project suitability must be separately established.