

## Saltguard® WB (water-based)



- Penetrates for long-lasting protection of concrete driveways.
- Protects against de-icing salts and salt air.
- Does not trap moisture.
- Low odor.
- Complies with all known national, state and district Volatile Organic Compound regulations.
- Easy soap-and-water cleanup.
- Suitable for new "green" concrete driveways, 14-28 days old.

## Driveway Cleaner



- Quickly cuts all types of concrete, driveway grease, grit and grime.
- Cleans lightly to heavily soiled concrete driveways.
- Concentrated for economy. Dilute with up to 20 parts water, depending on how dirty the driveway is.
- Nonflammable and water soluble.
- Uses no harsh acids, alkalines or solvents.
- Ideal for cleaning garage concrete floors.

## Oil & Grease Stain Remover



- Works on old, deeply set stains.
- Removes motor oil, brake and power-steering fluids, anti-freeze, hydraulic fluids, cooking oils, food grease and other oil-based stains.
- Easy to use. No mixing or scrubbing needed.
- Leaves no residue.
- Will not discolor concrete.

# How winter eats driveways

## Freeze/thaw cycling

1. A winter storm dumps snow on your driveway.
2. The sun comes out and melts what you haven't shoveled away.
3. The meltwater soaks into the concrete's microscopic pores.
4. Temperatures drop, and the water in the concrete freezes and expands. It increases in volume about 9 percent. That stresses the concrete from inside.
5. Temperatures rise and the ice melts, relieving the internal pressure. But the concrete is slightly weakened.
6. The cycle repeats, eventually causing microscopic cracks that let in more water, which speeds up the process.
7. The cracks don't stay microscopic.

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## Salt corrosion

1. Along with shoveling your drive, you may have put de-icing salts down to help melt the snow and ice. You could also have brought de-icing salts home in the wheel wells of your car.
2. The de-icing salts increase the frequency of freeze/thaw cycling by creating more meltwater faster.
3. In addition to more freeze/thaw, the meltwater carries dissolved salts into the concrete.
4. The salty meltwater contacts the reinforcing steel rebar embedded in the concrete.
5. The water rusts the rebar, and the salts dramatically increase the reaction, causing the bars' surfaces to expand, further stressing the concrete.
6. Cracks let in more water, speeding up the cycle.

# How to Winterize your concrete driveway in 3 easy steps



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**New driveways • Repaired driveways**

If your driveway is in good repair, keep it that way through the worst that winter can throw with Consolideck® Saltguard® WB, penetrating water- and salt-repellent for concrete driveways.

The **CONSOLIDECK®** way!  
HIGH PERFORMANCE CONCRETE

# Winter is hard on driveways

Repeated exposure – Corrosive de-icing salts and destructive freeze/thaw cycling will shred even the best-laid concrete driveway, patio or sidewalk. This unprotected concrete started showing damage in just a few years.

## Lock out water

A simple spray-on treatment of penetrating Consolideck® Saltguard® WB (water-based) onto a dry, clean concrete driveway stops rain and melting snow from soaking in, stopping freeze/thaw cycling.

Saltguard® WB penetrates deeply into concrete, lining concrete pores with water-repellent molecules. Saltguard® WB locks out dissolved de-icing salts, too -- preventing costly corrosion of the steel rebar beneath the concrete.



## 3 simple steps for weatherproofing your concrete driveway.



### 1. Stain removal with Oil & Grease Stain Remover

If your driveway is brand-new,\* you can skip this step. But if it has old, soaked-in oil & grease stains, they need to come out. The good news is -- it's easy with Consolideck® Oil & Grease Stain Remover. Just pour it on. As Oil & Grease Stain Remover dries, it pulls the embedded contaminants out of the concrete, for easy sweeping up and disposal.



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### 2. General cleaning with Driveway Cleaner

Even a new driveway\* will have a slight patina of dirt, grime and maybe even light oil that can interfere with performance and bond of Saltguard® WB. Consolideck® Driveway Cleaner removes that soiling fast and easy,



### 3. Protect with Saltguard® WB

Once your driveway is clean and dry, a simple spray application of Consolideck® Saltguard® WB (water based) will stop water from any source -- sprinkler to rain to snow melt -- from soaking in.

When you keep water out, you keep out all the problems water brings with it, like freeze/thaw cycling and dissolved de-icing salts.

\*Driveways under a year old may need curing agents removed. Test by dripping water on the concrete. If the water immediately soaks in, the curing agent has dissipated and isn't a problem. If not, check out "Cure & Seal Remover" at [www.prosoco.com](http://www.prosoco.com) in "Concrete Flooring."