

## SpecShield WB

Your solution to protect against concrete deterioration!



The misconception with snow met and de icing chemicals (salts) is that the actual chemical destroys the concrete. In reality de icing chemicals are not the culprit, but rather what the catalyst in a basic reaction that creates the problem.

De-icing chemicals, no matter if they are basic salt (NaCl) or more complex non salt (Acetates), do the same thing. They all reduce the temperature at which water freezes. This is good for traction and safety – melting the snow and ice - but bad for concrete as this brine now penetrates into the concrete paste. As the salt concentration changes in the brine and the temperatures fluctuate throughout the day and or night, the water freezes and thaws. These freeze thaw cycles (and there can be millions of them at the microscopic level) stress the concrete matrix, eventually leading to cracking and surface destruction, i.e., spalling and scaling. Proper mix design, placement and finish greatly reduce the chances for salt damage.

### Protect your concrete with SpecShield WB.

**SpecShield WB**, a 100% reactive, waterborne silane-siloxane sealer, will protect your driveway. SpecShield WB helps protect concrete and masonry surfaces, decks, pavements, parking structures, ramps, bridges, marine platforms etc. against the corrosive effects of de-icing salts, moisture and weathering to prevent spalling and deterioration of concrete structures.



- Provides excellent chloride screen
- Excellent water repellency while maintaining breathability
- V.O.C compliant - water-based
- Reduces the effects of freeze-thaw cycling and weathering on concrete structures
- Long-lasting protections for new as well as old concrete surfaces
- Dries tack-free and skid resistant
- Colorless and non-yellowing



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