BARDPRO | **DuraSeal**
Siloxane Water Repellant

Product Features

PROTECTING YOUR INVESTMENT

Why seal your concrete? Exterior concrete is a big – but practical – investment. While proper exterior concrete can prove durable without the use of a sealer, **DuraSeal** is the best way to increase the life of your investment and protect it against harsh environments. Moisture and chemical penetration contribute to almost all concrete surface defects like scaling, spalling, popouts, and alkali-silica reaction. Concrete sealed with **DuraSeal** is protected from surface moisture and its negative effects.

Photo demonstrating the ability of DuraSeal to repel water with its hydrophobic barrier.

WHY DURASEAL?

DuraSeal is a water repellant that chemically bonds with the substrate, unlike other penetrating sealers which are only physically bonded. **DuraSeal** creates a hydrophobic barrier that prevents moistures and chemicals from intruding into the concrete. **DuraSeal** can be used on any clean, dry, cementitious surface that has previously had a compatible curing and sealing compound applied. When applied, **DuraSeal** will re-solvate previously applied cure and seal compounds.

Cured with DuraCure and sealed with DuraSeal. Dry area demonstrates the depth of sealer.

DuraSeal is recommended for, but not limited to, the following applications: Parking Structures, Driveways, Sidewalks, Porches, Patios, Precast Concrete, Poured Walls, and Natural and Synthetic Stone. DuraSeal has been carefully designed for use on above-grade concrete surfaces and is characterized by the following properties:

- Excellent penetration
- Hydrophobic barrier
- Lasts between 3-5 years
- Ability to re-solvate existing cure and seal
- Dries tack-free
- Early water repellency

EFFECTS OF DEICERS

All deicers can accelerate surface damage to concrete. There is wide range of deicing chemicals and their use has become more prevalent and at higher concentrations. Typical deicers include, but are not limited to: sodium chloride (table salt), calcium chloride, magnesium chloride, potassium chloride, calcium magnesium acetate, urea, ammonium sulfate, ammonium nitrate, and nitrogen salts. Products containing ammonium are especially harmful because they will chemically destroy the concrete surface.

When considering deicers, the hazards associated with slippery surfaces must be weighed against the potential for surface damage. Although **DuraSeal** will help mitigate and slow damage caused by deicers, BARD still recommends the following:

- The best deicer is NO deicer.
- The use of sand for traction is the best alternative to deicers
- No deicers should be used during the first year of the concrete life
- Sodium chloride has shown to be the least invasive deicer

A concrete exterior is one of the best investments you can make for your property or business. Protect your investment with **DuraSeal** and make a great product last even longer.

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