

Pentra-Sil™

Premium Lithium Technology

Next Generation Lithium Protection for Concrete

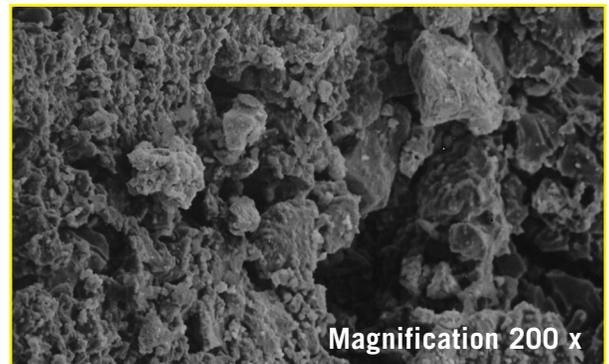


APPLICATIONS:

- Exposed Concrete
- Distribution
- Warehousing
- Manufacturing
- New and Existing Concrete

BENEFITS:

- **Seals** micro-channels in concrete against water and chemical attack
- **Hardens** making concrete stronger and more abrasion resistant.
- **Dust Proofs** creating a cleaner, healthier environment.
- **Permanent** one penetrating application is all that is needed. No coating to peel or wear off.
- **Easy** maintenance. Makes cleaning easier. Reduces staining. Never needs waxing.
- **ASR SAFE** based on lithium, and will not trigger or contribute to damaging surface ASR (alkali-silica reactivity).

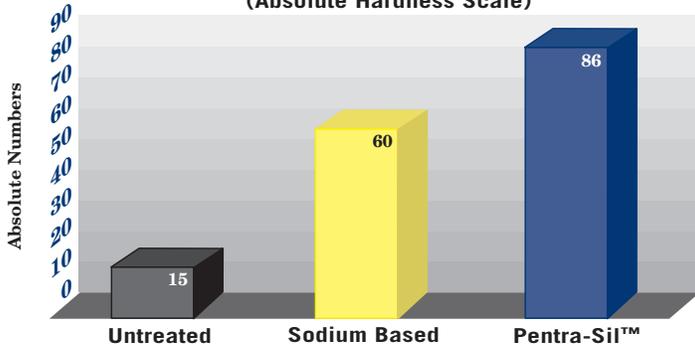


Untreated Concrete Surface



Pentra-Sil™ Treated Concrete Surface

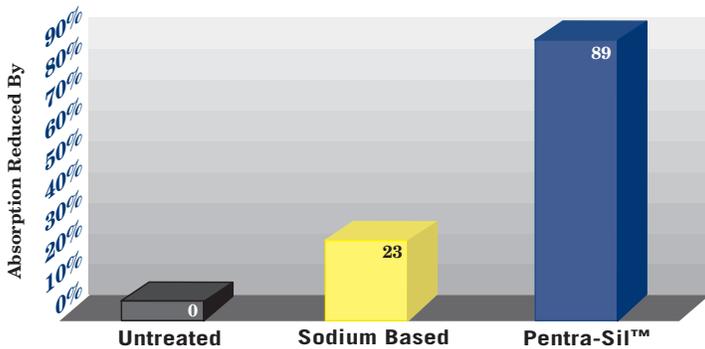
ABRASION RESISTANCE (Absolute Hardness Scale)



Technical Data

Pentra-Sil™ is a non-flammable, non-toxic, water-based formulation for use on most portland-cement containing materials. It contains no solvents or harmful levels of VOCs. It is not carcinogenic or mutagenic, and may be used in food preparation areas. Pentra-Sil™ is odorless during and after application and also allows concrete to breathe.

REDUCED H₂O ABSORPTION



Application Information

Pentra-Sil™ may be applied to new or existing surfaces. We recommend that new surfaces be cured to meet ASTM requirements. Applications are only to be performed by licensed, certified applicators to ensure quality and owner satisfaction. On fully cured concrete, the treated surface can be used as soon as it is dry to the touch (usually 1-2 hours).



Final Results

A satin sheen will normally appear following application. This shine will intensify with time, use and maintenance. Optimum water repellence and hardness develop within seven days. Do not use acidic cleaners. Aggressive cleaning with a neutral to high pH detergent works best for long term maintenance.

