

Pentra-Sil 244+™

Salt Protection Technology

Premium Lithium Protection for Concrete



APPLICATIONS:

- **Parking Decks**
- **Marine Environments**
- **Pedestrian Walkways**
- **Stamped/Colored Concrete**
- **Salt Exposed Areas**

BENEFITS:

- **Chloride Ion Screen** reduces salt penetration by 90% as tested by WJE following the NCHRP 244 procedures.
- **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.
- **Easy** maintenance. Makes cleaning easier. Reduces staining.
- **ASR SAFE** based on lithium, and will not trigger or contribute to damaging surface ASR (alkali-silica reactivity).



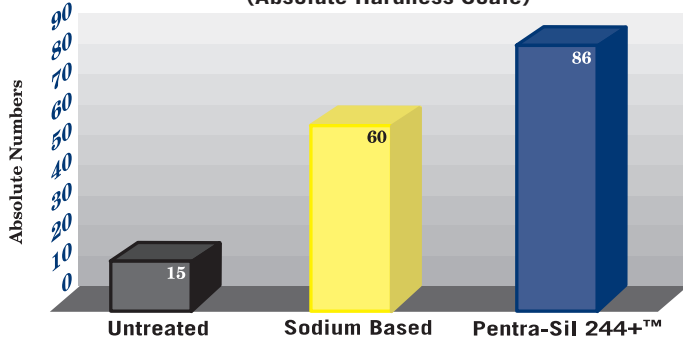
Loading Dock Areas



Marine Environments

ABRASION RESISTANCE

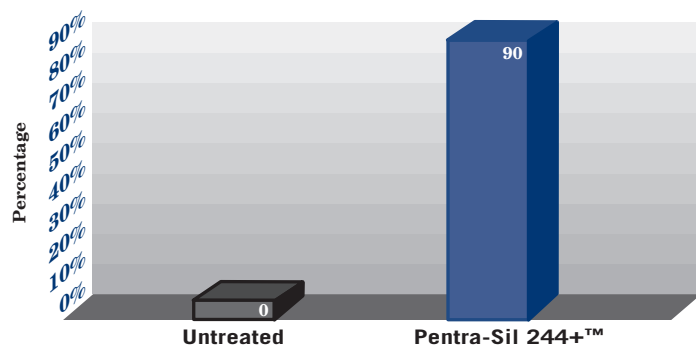
(Absolute Hardness Scale)



Technical Data

Pentra-Sil 244+™ 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 244+™ is odorless during and after application and also allows concrete to breathe.

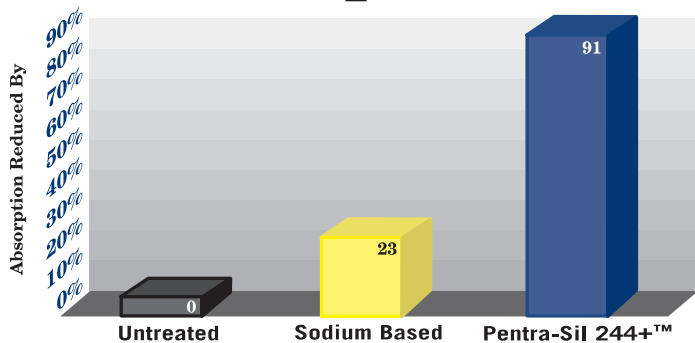
CHLORIDE ION REDUCTION



Application Information

Pentra-Sil 244+™ 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).

REDUCED H₂O ABSORPTION



Final Results

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.

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