

CANZAC® | GROUP

Improving the performance of concrete worldwide®



DENSIFIERS & SEALERS

PENTRA SIL 244+

SALT PROTECTION & DUST PROOFER - HARDENER, SEALER & DENSIFIER

PENTRA-SIL 244+ is a clear, odourless V.O.C. compliant, water-based, environmentally safe to use salt protectant and dust proofer that hardens, seals, and densifies concrete and masonry surfaces. Pentra-Sil 244+ reacts chemically with siliceous materials to provide a permanent hydrophobic surface that protects and preserves concrete surfaces and a variety of masonry substrates without altering the natural appearance and texture.

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Pentra-Sil 244+ is in a class of its own. It provides all the protection of a high-end penetrating water repellent sealer and offers all the benefits of a surface hardener, sealer, densifier.

Pentra-Sil 244+ Salt Protectant, Hardener, and Sealer is a patented surface treatment that both penetrates and seals by reacting chemically with the concrete surface, forming a clear, dense, and durable inorganic topical surface layer that is breathable, abrasion-resistant, and hydrophobic.

Pentra-Sil 244+ forms an effective chloride ion screen providing superior protection against water and water-carried salts that cause erosion, deterioration and corrosion. Pentra-Sil seals micro-channels making concrete harder, stronger, more abrasion resistant, dustproof, and easier to maintain. Substrates become resistant to staining, spalling, weathering, efflorescence, water intrusion, fungi and mildew, deterioration, freeze-thaw scaling and reinforcing steel corrosion. Pentra-Sil 244+ will also harden the surface and is extremely abrasion resistant, providing the ability to maintain a salt ion screen and water repellent characteristics even through regular maintenance, pressure washing, pedestrian and traffic wear. The permanent bond lasts longer than silanes, reduces maintenance costs, and looks better over time. Pentra-Sil 244+ can be used as an interior or exterior treatment for both horizontal and vertical concrete and masonry. It is perfect for parking garages, bridge decks, exterior concrete, integrally coloured concrete and acid stained concrete.

KEY FEATURES

- Forms a protective surface layer that is breathable, dense & abrasion resistant
- Protection from acid rain, waterborne chemicals and freeze-thaw damage
- Protects coloured concrete from weathering & efflorescence
- Reduces maintenance & repairs
- Provides maximum water repellence combined with hardening, densifying & sealing characteristics to provide long-term protection against staining & deterioration
- Chloride-Ion protection: Pentra 244+ penetrates the micro-channels in concrete, it reacts to form insoluble silicate structures that seal the concrete. This helps protect the concrete from water penetration & makes it more abrasion resistant
- Environmentally safe, containing no carcinogens & minimal VOC'S. The application is fast & the floor is ready to use within hours

APPLICATIONS

- On slab: Pentra-Sil 244+ can be used as an interior or exterior treatment for both horizontal and vertical concrete and masonry. It is perfect for parking garages, bridge decks, exterior concrete, integrally coloured concrete and acid stained concrete.

CANZAC®
Under Slab - In Slab - On Slab

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