

Maxx Top LI+

Lithium Silicate based Densifier and Concrete Hardener

Description

Maxx Top LI+ is a lithium silicate base solution used to densify, seal and dustproof concrete surface. Maxx Top LI+ penetrates and chemically reacts within the concrete surface, producing extremely hard and dense calcium silicate hydrate (CSH) in the pores. The result is concrete that is more durable, easier to clean, and more resistant to damage from water and mild chemicals. Because the product of the lithium silicate-concrete reaction is formed internally, the protection of Maxx Top LI+ never peels or flakes off, is unaffected by moisture, and lasts much longer than surface sealers and coatings.

Benefits

- Easy to use and fast drying
- Reduces application time and costs of diamond polishing operations.
- Can be applied on any uncoated concrete or mortar finishes in both new as well as old constructions
- Improved abrasion and chemical resistance
- Penetrates deep into the surface to improve hardness, compressive and flexural strength of surface.
- Though it improves gloss and hardness.
- Seals, densifiers and dustproofs concrete in one operation.

Application Instruction

Maxx Top LI+ should be used directly from the container and requires no dilution or pre-mixing.

New Concrete

After the curing period has elapsed, apply two or more uniform coats . Redistribute any excess Maxx Top LI+ with soft broom or microfiber pad, allowing material to dry uniformly. Under certain conditions application to fresh concrete may be necessary. In this case apply a uniform coat after final troweling and when surface water glaze is gone, but before application of a dissipating curing compound. Remove any puddles or excess accumulation with soft broom or microfiber pad, allowing material to dry uniformly.

Old Concrete

Surfaces must be sound and clean. All residue, oil, sealers, waxes, contaminants and laitance must be removed from surfaces for maximum penetration. Remove unsound concrete and repair holes, cracks and deteriorated areas. Apply two or more uniform coats needed. Redistribute any excess Maxx Top LI+ with soft broom or microfiber pad, allowing material to dry uniformly. Avoid brooming once drying begins. Provide adequate ventilation in enclosed areas to facilitate proper drying. After drying remove any excess, powder-like residue with a stiff broom or dry buffer. Do not puddle

Technical Specification

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| Form | Clear, Thin liquid |
| Specific Gravity | 1.20 at 25c |
| pH | 10.8 |
| Solid Content | 24.0% |

Packaging

Maxx Top LI+ is packaged in 20 & 50 carbuoy.

Shelf Life

Shelf life is two years in unopened containers when properly stored. Do not allow to freeze

Safety Precautions

- Keep away from freezing
- Avoid prolonged skin contact and absolutely no contact with all food stuffs.
- Wear protective gloves and goggles.