

Description:

Concreation Canada WB LithiCon 15 Densifier is the premium sealer, hardener and densifier for concrete surfaces. This deeply penetrating lithium silicate treatment penetrates and reacts with the concrete to produce insoluble calcium silicate hydrate within the concrete pores. Treated surfaces resist damage by water, chemical attack or surface abrasion. The surface sheen imparted by WB LithiCon 15 Densifier reduces dusting and simplifies maintenance producing a cleaner, healthier environment. Safer and easier to apply than conventional sodium or potassium silicate hardeners, WB LithiCon 15 Densifier will not trigger or contribute to surface ASR (Alkali Silicate Reaction).

Suggested Application

WB LithiCon 15 Densifier is to be applied to interior finished and polished concrete. One to two coats of the WB LithiCon 15 Densifier can be applied to concrete surfaces depending on porosity. WB LithiCon 15 Densifier should be applied with a sprayer followed with a microfiber applicator. Once the treated surface has dried any dry powder residue should be removed with a floor machine or auto scrubber. Surfaces may be further polished or WB TefloCon may be applied for an additional layer of protection.

Advantages

Easy, one step application. No scrubbing. No flushing. No caustic wastewater.

May be applied to broom finished, steel trowelled, power trowelled or burnished concrete finishes.

Patented formulation penetrates and reacts quickly to produce better initial and ultimate hardness.

Provides better abrasion resistance than conventional hardeners.

Improves performance, appearance and light reflectance of new or old concrete.

Will not contribute to surface crazing. High

lithium content combats surface ASR.

Lithium will not absorb water or contribute to floor sweating.

Gloss and hardness do not reduce slip resistance.

Breathable and UV stable. Will not yellow, discolor, peel or flake.

VOC Compliant. Non-flammable. Non-toxic. Low odor.

Benefits

Reduces application time and costs of diamond polishing operations.

Cures quickly. Most floors can be opened to traffic

within one hour of treatment.

Treated surfaces are easy to maintain.

Produces a fast surface gloss, which improves with traffic and maintenance.

Physical Properties

Appearance:	Clear, water-like liquid
Freeze/Thaw Stability:	No
Solids, weight (%):	15
Thermal Stability:	Yes
Solids, volume (%):	14.5
Mechanical Stability:	Yes
Density(g/ml):	1.10
pH:	10.8
Density(lbs/gal):	9.2
Viscosity, Brookfield (cps):	34
VOC – gm./liter:	<20
Flash Point (°C):	Not flammable WHMIS
VOC – lbs./gallon:	<0.12
Flash Point (°F):	Not flammable WHMIS