

HTC Superfloor™ Densifier



HTC Densifier is the premium hardener, densifier and sealer for HTC Superfloor. This penetrating lithium silicate treatment reacts with the concrete to produce insoluble calcium silicate hydrate within the concrete pores. Treated surfaces resist damage from water and surface abrasion. The increased surface hardness improves diamond tooling performance, in-service application/performance of the flooring surface, reduces dusting and simplifies maintenance, producing a cleaner, healthier environment. Safer, faster and easier to apply than conventional sodium or potassium silicate hardeners.



Advantages

- Easy, one step application. No scrubbing. No flushing. No caustic wastewater.
- May be applied to broom finished, steel troweled, power troweled, ground / honed concrete, or burnished concrete finishes.
- Penetrates and reacts quickly to produce better initial and ultimate hardness.
- Tested and conforms to California Collaborative for High Performance School Indoor Air Quality standards. Use can contribute to LEED® for Schools points (EQ Credit 4).
- Provides better abrasion resistance than conventional hardeners.
- Produces a fast surface gloss which improves with traffic and maintenance.
- Improves performance, appearance and clarity of new or old concrete – particularly when used with HTC Superfloor process.
- Reduces application time and costs of diamond polishing operations.
- 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.
- Non-flammable. Non-toxic. Low odor.
- Cures quickly. Most floors can be opened to traffic within one hour of treatment.
- Treated surfaces are easy to maintain and require no waxing.
- Improves diamond tooling life and performance for better refinement.