

## BLENDED SILICATES DENSIFIER & HARDENER

Is a blend of silicates designed specifically for steel-troweled or burnished concrete floors. This penetrating treatment reacts with the free lime in cured concrete to quickly create a harder, denser surface achieving dust proof environment.

Blended Densifier is safer and easier to apply than conventional silicate hardeners.



### ADVANTAGES

- Easy, one-step application. No scrubbing. No flushing. No caustic wastewater.
- Specifically designed for steel-troweled, power-troweled or burnished concrete floor finishes.
- Penetrates and reacts quickly to produce better initial and ultimate hardness.
- Provides better abrasion resistance than conventional liquid hardeners.
- Can be burnished for a quick sheen.
- Breathable and UV stable. Will not pale, discolour, peel or flake.
- VOC- Compliant. Non-flammable. Non toxic. Low odour.
- Cures quickly. Floors can be opened to traffic once dry.
- Treated surfaces are easier to maintain.
- May enhance or darken certain substrates.

### Steel Troweled / Burnished Concrete

1. Clean concrete surface of any dirt or residue.
2. Using a low pressure sprayer, apply a single saturating coat of POLIHBYB™ Blended Densifier. Apply sufficient material to wet the surface without producing puddles. Use a airless sprayer OR microfibre pad to spread product evenly and ensure uniform wetting.
3. To avoid overlap marks, always maintain a wet edge when applying and avoid spreading once drying begins.
3. Scrubbing is not necessary. Surface should remain wet for 15–25 minutes. Adjust rate of application accordingly. Allow treated surfaces to dry at least one hour.
4. Once dry, burnish with a high speed burnisher and diamond impregnated pad (800 - 1500 grit) to remove residue and enhance the surface

## Application Instructions :

- Surfaces to be treated must be clean, dry and absorbent.
- Confirm surface absorbency with a light water spray.
- If surfaces designated for treatment do not wet uniformly, use the appropriate surface preparations by cleaning or mechanical process to remove remaining surface contaminants.
- Spray applicators equipped with low-volume airless sprayers have proven effective for the application of this product.
- If the desired surface finish requires mechanical removal of the top layer of cement paste, best results are achieved by grinding the cured concrete surface by using 50–200 grit diamond abrasives, before applying POLIHYB™ – Blended Densifier.
- Apply sufficient product so the surface remains wet for 15–25 minutes.
- Always maintain a wet edge when applying and avoid spraying on the surface where drying begins.
- POLIHYB™ – Blended Densifier is suitable for use with wet or dry grinding and polishing procedures.
- Wastewater generated by wet grinding or polishing procedures should be collected and disposed of properly

## Maintenance

Remove surface dust and debris daily using a micro fibre pad or dry dust mop. Dry buff with a high-speed burnisher to refresh gloss. Regular maintenance cleaning will improve surface shine. Do not use acidic cleaners. Though Blended Densifier will improve the resistance of concrete surfaces to staining, acid concentrates and acidic foods may etch the floor and leave a residual stain. Clean up such spills quickly to minimize any potential for damage. Owner is responsible to make his own tests to determine the suitability of this product for his particular purpose. Floormart liability shall be limited in all events to supplying products only. Though protective treatments simplify maintenance of concrete floors, all spills must be cleaned up in a timely manner.

## Limitations

Will not prevent water penetration through structural cracks, defects or open joints.