



## **Application of ChemTec One to Polished Concrete Floors for Maximum Densification**

ChemTec One is a reactive silicate densifier that does not require scrubbing or rinsing when applied per the following instructions:

Apply ChemTec One after 200 grit or 400 grit resins. Always apply ChemTec One after floor has been dyed or stained. Densification with ChemTec One may interfere with proper absorption of dye or stain. Floor should be clean and surface dry prior to application. ( **CAUTION!** If the floor has been stained or dyed with an acid based product, the floor must be cleaned and be pH neutral prior to the application of the ChemTec One. If the floor is not pH Neutral then the product can turn the floor white and ruin the stained finish).

Coverage will vary according to the porosity of the concrete floor. Soft porous floors densified to rejection may use as much as 1 gallon per 150 SF. Hard, dense floors may use as little as 1 gallon per 300 SF.

A two person crew is the best way to apply ChemTec One. First person should wet the floor with ChemTec One either by pouring it directly onto the floor or spraying it on with a low pressure pump-up type sprayer (walls should be masked to protect from splatter) followed by second person spreading ChemTec One with a microfiber mop. Sufficient ChemTec One should be on the floor to keep a puddle of liquid in front of the microfiber mop at all times. The microfiber mop should always be pulled behind the applicator to avoid leaving footprints in ChemTec One, which are very difficult to remove if allowed to dry.

Keep entire floor wet for 30-40 minutes. Apply additional ChemTec One to areas that start to dry, as needed. When walking onto floor to reapply ChemTec One pull the microfiber mop behind applicator to mop out footprints as they are made. If the floor becomes slick during the 30-40 minute dwell time, mist with water and microfiber mop the floor until no longer slick.

After 40 minutes pull the microfiber mop over entire floor without applying additional liquid to redistribute ChemTec One that may have ponded in low areas. Never allow ChemTec One to puddle and dry. Puddles that are allowed to dry will leave hard white crystalline deposits that are very difficult to remove. Allow floor to air dry a minimum of 2 hours before continuing with polishing. Softer floors will harden considerably for several hours after application. For best results allow to dry overnight.

Caution: Shoes wet with ChemTec One will leave difficult to remove prints on concrete. It is recommended that anyone with ChemTec one on the soles of their shoes step onto water soaked rags upon leaving the slab.