

## **SUGGESTED PROCEDURE FOR POLISHING OVERLAYS**

1. The thicker the overlay the higher the ability to withstand the vibration of diamond, grinding, honing and polishing. Minimum suggested thickness depending on the type of overlay is  $\frac{3}{4}$ " (0.75") or Manufactures Recommendations.
2. Always use StarSeal Envio Bond on the cement prior to application of the overlay or Manufacturer's recommended primer. The internal latex tends to rise to the surface due to it is the lowest Specific Gravity in the mix.
3. If overlay manufacturer does not specify minimum cure time prior to polishing. Our recommendation is to water (moist) cure the overlay for 3 days prior to or until the Compressive Strength reaches 3500 psi minimum before polishing.
4. Our recommendation is to always apply Certi-Vex Etch & Efflorescence Remover to the latex on the surface (see#2). Followed by neutralization. Latex on the surface reduces the penetration of the Densifier System and interferes with the CaOH<sub>2</sub> and cement reaction with Silicate Densifier and absorption of dyes and stains.
5. Open the overlayment with 50-100 grit Phenolic resin bonded rather than metal diamonds.
6. Always do a mock-up prior to starting the job (do not remove mock-up) and call Vexcon for assistance required on individual mock-up.