

TS-104 SEAL-IT! APPLICATION INSTRUCTIONS

This information has been prepared for use with Seal-It! Deep Penetrating Sealer on properly prepared surfaces. Seal-it! is zero VOC, nontoxic and it is not HAZMAT. It is not a coating, it is a deep penetrating sealant, 100% of which is intended to penetrate the surface leaving no residue behind. It works by acting as a catalyst to combine components within the concrete matrix to create an impenetrable barrier to moisture and vapor transmission. It is acceptable for use on Portland cement, concrete, plaster, stucco, porous tile, Gunnite, Shotcrete and mortar. It does not alter or affect the color or texture of the surface treated. It retards the penetration of grease, oils, wax and acids, cures new concrete uniformly, resists hair checking, retards pitting, dusting, rutting and displaces grease and oil. To avoid penetration and curing issues we recommend establishing the accurate amount of vapor transmission and pH level of the substrate prior to application. Porous substrates must test at no more than 4 LBS hydrostatic pressure with pH under 9. We recommend utilizing the VaporGuage calcium chloride moisture test, or the equivalent. Never apply in hot direct sunlight or when rain is forecast within 48 hours. Under most circumstances allow 24-48 hours between coats.

1. PREP-WORK: Best results will be achieved by sanding, grinding, blasting or similarly abrading the surface, which opens the pores supporting penetration. All repairs should be completed and allowed to cure prior to sanding, blasting, grinding or the application of Seal-it!

2. CLEAN: All applications will require the complete removal of all sealants, paint or coatings, grease, oil, glue, contaminates and similar substances that may prevent proper penetration or proper curing. Triple Strength Paint Stripper (TS-646) may be used to remove paint and coatings. Mastic remover will remove glue and industrial degreaser. TSP and similar products will remove grease and oil. Seriously contaminated areas may require resurfacing. Powerwash as needed to remove dirt and grime. Recommend using TS-695 Etching Cleaner or muriatic acid to open the pores and remove contaminates. Muriatic acid should be properly neutralized.

3. APPLY SEAL-IT!: Consider lightly pre-wetting surfaces which promote can penetration. Most applications are by hand pump sprayer, however brush and roller coat applications are acceptable. Apply evenly avoiding puddling. Under ideal circumstances allow 24-48 hours between coats and 72 hours to cure. Cold weather, low ventilation and other factors can contribute to delayed curing. Be safe, allow plenty of time for product to fully dry and cure!

4. REPEAT APPLICATIONS: Best results will be achieved by three applications of Seal-It! Follow step 3. Let stand 24-48 hours between applications. Apply evenly avoiding puddling. Never apply paint or coating products before Seal-It! has been allowed to fully dry and cure. NOTE: Best results will be achieved by allowing 5-7 days for Seal-It to cure before applying coating products. In situations where there is an unusually high level of hydrostatic pressure allow as many as 30 days for Seal-it! to cure before applying paint or coating products. Where extremely high levels of hydrostatic pressure exist we recommend doing additional VaproGuage calcium chloride tests to confirm the post-treatment hydrostatic pressure level.

Where hydrostatic pressure exceeds 4 LBS apply additional coats of Seal-it! until calcium chloride tests are below 4LBS. Variations in surface porosity may result in refusal while other areas remain porous requiring additional treatments. Carefully inspect treated surfaces to establish successful penetration. Do not apply paint or coating products where Seal-It! residue remains on surface after treatment. We hope this information helps you achieve the results you expect and years of problem free service.