



SEAL-KRETE ORIGINAL WATERPROOFING SEALER **pH BUFFER FOR NEW STUCCO AND PLASTER**

Fresh stucco and new plaster are highly alkaline. With proper hydration and ventilation, the pH level of these substrates lowers to 10 or below as they cure (28 – 30 days). Paint burning (failure) occurs when stucco and plaster cures to a pH level above 10, or when new stucco or plaster is painted prior to the full 30 day cure without applying a pH buffer. Many latex and acrylic paints are not designed to withstand high levels of alkalinity and will generally fail when applied to “hot stucco or hot plaster.”

Both Stucco and Plaster are specialized substrates, and preparation of the surface is critical to the success and long-term durability of a paint topcoat. To properly prepare new stucco and plaster for painting prior to the 30day cure, seal the substrate with **SEAL-KRETE ORIGINAL WATERPROOFING SEALER** after 10 days. SEAL-KRETE ORIGINAL WATERPROOFING SEALER will buffer the alkalinity of the new stucco or plaster, lowering the pH to a level between 7 and 9 when applied per specification*.

The following is required when painting new stucco or new plaster *prior* to the 30 day cure:

- 1.) Allow new stucco/plaster to age a minimum of 10 days.
- 2.) Extremely smooth or non-standard plaster mixes should be tested for proper porosity prior to application of sealer. Non-porous plaster may not accept a sufficient amount of Seal-Krete Waterproofing Sealer to act as a pH buffer. Call Seal-Krete for technical support.
- 3.) Apply one flood coat of **SEAL-KRETE ORIGINAL WATERPROOFING SEALER**; back roll with a paint roller if spray applied.
- 4.) With a pH pencil or Litmus Paper, check the surface pH of the stucco/plaster 4 – 6 hours after the sealer has dried. Random areas should be tested to ensure that the pH levels are at 10 or below.
- 5.) If the pH is greater than 10, apply a second coat of **SEAL-KRETE ORIGINAL WATERPROOFING SEALER**. Retest pH. If after 2 coats of Seal-Krete Waterproofing Sealer the surface pH is greater than 10, contact the Seal-Krete Technical Department at 800-323-7357, M – F, 8 am to 5 pm, EST for assistance/ recommendation.

*Failure to properly test and address the porosity and pH of fresh stucco or new plaster prior to painting could result in paint failure (burning), as stated above.

For further information regarding **SEAL-KRETE ORIGINAL WATERPROOFING SEALER**, contact our technical department at number listed above or visit us online at www.seal-krete.com

Technical Bulletin

