SEAL-A-CRETE PRIMER

SEAL-A-CRETE PRIMER is a colourless, non-toxic, nonflammable, low viscosity, spray applied liquid formulation that adds alkali to porous substrates such as concrete block, or shotcrete concrete prior to applications of SEAL-A-CRETE or SEAL-A-CRETE PLUS

PRODUCT DESCRIPTION

SEAL-A-CRETE PRIMER penetrates deeply into porous substrates where its active ingredients fill small cracks and voids and interstitial spaces between the concrete particles. These deposits will react with SEAL-A-CRETE to fill all of the small spaces within the concrete to form a permanent water barrier.

Advantages:
- allows porous concrete materials to be internally water proofed with SEAL-A-CRETE or SEAL-A-CRETE PLUS

Limitations:
- SEAL-A-CRETE PRIMER is formulated solely for cement based materials and does not effectively penetrate asphalt, metal or wood, brick or masonry

- SEAL-A-CRETE PRIMER will not penetrate acrylic or nonporous rubber based paints

- SEAL-A-CRETE PRIMER must be applied at full strength to attain the desired results

- over application of the material may cause white deposits to form on the surface. These deposits should be removed by brushing and/or flushing with water prior to applications of SEAL-A-CRETE.

Composition:
SEAL-A-CRETE PRIMER is a non-toxic, (water based) blend of inorganic suspended solids which extend throughout porous substrates to provide the additional alkali required to react with SEAL-A-CRETE or SEAL-A-CRETE PLUS.

SEAL-A-CRETE PRIMER contains no organic materials or inorganic heavy metals.

SEAL-A-CRETE PRIMER is neither flammable or explosive and does not emit any harmful fumes.

SIZES:

20 ltr Drums

TECHNICAL DATA

PHYSICAL PROPERTIES

Appearance	Colourless
Odor	Negligible
Toxicity	None
Flash	Point None
Resistivity	50 Ohms
pH	9.0 pH Scale Units
Total Solids	5.1 %
Specific Gravity	1.045

INSTALLATION

Preparatory work:
No preparatory work is generally required. However, if the surface is coated with heavy wax, thick grease, recently applied surface sealer, rubber or acrylic paint or other impervious material, remove such materials so that the SEAL-A-CRETE PRIMER can reach the surface of the concrete where it will be allowed to penetrate into the substrate. Accidental over application will not discolour the surface.

Method of application:
1. Dampen surface to be treated (do not saturate) using a fine mist water spray.

2. Saturate the surface thoroughly with SEAL-A-CRETE PRIMER at an approximate rate of 4 m^2 per litre, depending upon porosity of the substrate. Low pressure spray equipment, such as a hand pumped garden type sprayer works well for medium sized areas. For large areas, airless spray equipment is very efficient. Small areas can be effectively treated using a spray bottle. Brushes or rollers are not recommended because of the low viscosity of the SEAL-A-CRETE PRIMER.

Do not allow the SEAL-A-CRETE PRIMER to pond

or puddle on horizontal surfaces, as a white residue will likely form on the surface. Move the excess material from the low spots on the floor to the high spots with a squeegee, mop or broom. Any remaining material should be picked up with a wet vac or mop.

The time for additional applications can be judged by observing the time it takes for the SEAL-A-CRETE PRIMER to soak into the concrete. If the PRIMER soaks in quickly, generally less than fifteen minutes after application, additional material should be applied.

3. SEAL-A-CRETE PRIMER will not penetrate latex, polyvinyl or acrylic based paints. Unpainted surfaces: Generally, no surface preparation is necessary.

4. For surfaces such as basement and outside walls, follow standard procedures as described above.

5. Oil, grease or acid conditions: Preliminary cleaning of the surface is necessary before SEAL-A-CRETE PRIMER is applied. Heavy deposits may require scraping, followed by thorough cleaning with a commercial degreaser. After the surface has been cleaned, apply SEAL-A-CRETE PRIMER until the substrate has been thoroughly soaked with the material.

6. Allow the substrate to dry to a damp condition before applying SEAL-A-CRETE or SEAL-A-CRETE PLUS

Precautions:
SEAL-A-CRETE PRIMER should not be applied to glazed floor or wall tile, or glazed or hard fired brick where the glaze will prevent the penetration of the material. However, SEAL-A-CRETE PRIMER may be applied over these materials if the intent is to seal the grout joints. In such cases, after the PRIMER has sufficiently soaked into the grout, remove all excess material from the surface with a wet vac, squeegee or mop. This will greatly minimize the possibility of a white deposit or film from forming on the tile or brick. When in doubt, apply SEAL-A-CRETE PRIMER to a small test area.

SEAL-A-CRETE PRIMER is not recommended for use on porous brick, pavers or tile. In most cases, white discoloration will occur on such surfaces.

SEAL-A-CRETE PRIMER should not be applied to masonry structures having a mortar or grout containing a latex binder.

SEAL-A-CRETE PRIMER should not be applied or stored at freezing temperatures. 7°C minimum surface temperature. If freezing occurs during storage, agitate the thawed material thoroughly to assure uniform solution. During outside applications, care should be taken to protect vegetation and adjacent areas from direct spray or overspray.

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