

MA-281 CONCRETE SEALER – MOISTURE PROBLEMS

Description:

MA-281 is a non-flammable, non-toxic, non-acid sealer that strengthens and internally waterproofs cementitious materials.

Benefits

- Reduces vapor emissions through concrete
- Purges soluble chlorides and prevents reentry
- Penetration depends on density of concrete & masonry substrate.
- Does not alter bond ability of concrete
- Contains no explosive or flammable solvents; no harmful fumes or odor
- Contains a non-acid penetrating agent – resists many acids, oils, greases and salts
- Ideal for enclosed food penetration areas where odors and toxic fumes can be absorbed by food
- Breathable vapor emission blocker

Usage

MA-281 reduces vapor emissions for application of surface coatings such as polyurea coatings, epoxy coatings, urethane coatings, as well as carpet, floor tile, sheet vinyl and hardwood flooring materials.

In conditions where salt air and humidity attack the concrete, causing oxidation of the reinforcing steel, MA-281 has proven to halt corrosion activity. When the MA-281 is applied to concrete exposed to such conditions, exfoliation or expulsion of the chlorides takes place. The MA-281 reacts with free alkali in the concrete forming a silica hydro gel that fills the capillaries within the matrix. This hydro gel waterproofs and seals the surface after all materials harmful to the concrete are removed. This process could take up to thirty days or longer, depending on the chloride and acidic residual concentration within the capillaries.

Application

- The surface must be free from oils, grease, curing agents, coatings, sealers or any other products that would inhibit the penetration of the sealer.

Application (cont'd)

- Protect glass surfaces, aluminum, ceramics, glazed tile and wood from overspray
- Avoid over application and puddling
- The surface being treated should be pre-dampened prior to application of the sealer
- Apply sealer in two even coats using an industrial garden sprayer or an airless sprayer
- After the first coat has soaked in, immediately apply the second coat. Apply only as much material as the surface will readily absorb. Areas that absorb sealer at a faster rate will require additional coats
- After the final coat of sealer is dry, spray a light mist of water over the treated area. After the first water-mist is dry to touch, apply a second water-mist coat

Coverage

- Follow recommended coverage rate guidelines, however, never exceed application past the point of rejection, i.e. puddling
- Rough Slab Finish: 50 – 100 sq ft/gal
- Dense and Smooth Finish: 100 – 150 sq ft/gal

Compliance

- Federal EPA V.O.C.

Cleanup

- Rinse equipment with cold water. If MA-281 is accidentally sprayed on glass, aluminum, ceramics, glazed tile etc. Rinse with water immediately

Limitations

- Do not dilute or alter
- Application temperature range 35° - 120°F (2°-49°C)
- Protect from freezing. However, may be reused after thawing and agitation
- Avoid contact with glass, aluminum, ceramics, glazed tile and wood

Limitations on Our Warranty

We warrant that our products are manufactured to strict quality assurance specifications and that the information supplied about our products is not a representation or a warranty. It is supplied on the condition that you shall make your own tests to determine the suitability of our product for your particular purpose. Listed physical properties are typical and should not be construed as specifications. No warranty is made, expressed or implied, regarding such other information, the data on which it is based, or the results you will obtain from its use. No warranty is made, expressed or implied that our product shall be fit for any particular purpose. No warranty is made that the use of such information or our product will not infringe upon any patent. We shall have no liability for incidental or consequential damages, direct or indirect. Our liability is limited to the net selling price of our product or the replacement of our product, at our option. Acceptance of delivery of our product means that you have accepted the terms of this warranty whether or not purchase orders or other documents state terms that vary from this warranty. No representative is authorized to make any representation or warranty or assume any other liability on our behalf with any sale of our products. Before using, read the material safety data sheet and follow all precautions.