

Concrete Cure & Seal

Description

Pakmix[®] Cure and Seal is a water based compound containing acrylic polymers that offers outstanding curing, sealing, dustproofing, increased abrasion resistance, and increased chemical resistance for freshly finished concrete surfaces. On older concrete surfaces Pakmix[®] Cure and Seal will simultaneously seal and dustproof while extending service life and maximizing maintenance costs. Pakmix[®] Cure and Seal has been formulated to form a membrane film on the surface of the concrete that optimizes water retention for maximum concrete hydration and compressive strength. Pakmix[®] Cure and Seal will appear milky white in the container and dries to a clear film.

Uses

Pakmix[®] Cure and Seal is ideal for curing and sealing horizontal and vertical surfaces such as:

- Walls
- Basements
- Pavements
- Commercial Floors
- Hospitals
- Parking Decks
- Garages
- Industrial Floors

Benefits

- Water based
- Low odor
- VOC compliant – meets stringent requirements
- Clean up with water
- Consistent – backed by quality control testing
- Minimizes thermal cracking, dusting, and defects
- Performance – produces hard, dense concrete
- Strength – increases compressive and tensile strength over untreated concrete

Physical Properties

| | | | |
|-----------|-------------|-------------|-------------------|
| V.O.C | 85 G/L* | Flash Point | >250° F |
| Color | Milky White | Dry time | 2-3 hours @ 70° F |
| Viscosity | 80 CPS | Shelf Life | One year |

* Complies with National Volatile Organic Compound Emission Standards for concrete curing compounds

Limitations

If surface is to receive subsequent coatings, paints or toppings, it is necessary to completely remove the curing compound before hand. Do not apply when the temperature of the concrete is below 40° F (4° C). Do not mix with any other products. Do not pour unused material back into the original container.

Standards

Pakmix[®] Cure and Seal meets or exceeds ASTM C-309 Type I, Class B and AASHTO M-148 as tested in accordance with ASTM C-156 and AASHTO M-155.

Coverage

Actual rates may vary depending on type and porosity of the surface and application method. Typical coverage per gallon is as follows:

Curing 200-300 ft²/gal. **Sealing** 200-400 ft²/gal. **2nd Coat** 400-600 ft²/gal.

Precaution: Read and follow application information, precautions and Material Safety Data information.

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Surface Preparation

Pakmix[®] Cure and Seal should be applied to freshly placed concrete as soon as the surface water has dissipated. On exterior, vertical surfaces Pakmix[®] Cure and Seal should be applied to concrete immediately upon removal of the formwork.

Mixing

For best results mix thoroughly before every use. Do not over agitate or use high speed mixing equipment.

Application

Apply with a low pressure sprayer, brush, or roller at a rate of 200 ft²/gal. Spray application is recommended. A hand held pump sprayer or an airless industrial sprayer is acceptable. Apply evenly without puddling. Do not interchange use of sprayer that has been used to spray a solvent based product.

Clean Up

Clean tools and equipment with warm, soapy water. After material has dried it may be necessary to use solvents such as mineral spirits, toluene, or xylene.

Packaging

1 gal. plastic containers.

Storage

Keep from freezing. Store in a cool, dry area above 45° F.

Shelf Life

Approximately one year in an unopened container.

Material Safety Data Sheet available upon request.

1 gallon Jug



CAUTION • AVOID CONTACT WITH SKIN • INJURIOUS TO EYES Avoid contact with skin. Protective clothing is recommended. Contact area should be washed thoroughly with soap and water. Avoid contact with eyes. Protective goggles are recommended in case of splashing. Flush eyes with water if contact occurs. Avoid ingestion of the material. If ingestion occurs, contact a poison center, or physician immediately.

EXCLUSION OF INCIDENTAL AND CONSEQUENTIAL DAMAGES Neither the manufacturer nor the retailer of this product shall be liable for any incidental or consequential damages caused by the use of this product.

KEEP OUT OF REACH OF CHILDREN

DISCLAIMER AND LIMITATION OF LIABILITY This material is warranted to be of good quality. Upon receipt of a claim within one year from the date of sale, defective material will be replaced or the purchase price refunded at the option of the manufacturer. Except for the foregoing, all warranties, express or implied, including merchantability and fitness for a particular purpose, are excluded. No liability is assumed for any consequential, incidental or special damages arising directly or indirectly from the use of the material.