

CONCRETE SURFACE RETARDER

ADVANTAGES

- Expo-Rock gives a clean, professional, even look to exposed aggregate finishes. The concentrated retarder keeps mortar from sticking to the aggregate. It allows even removal of mortar from the slab surface.
- Packaged in water soluble bags. Just prepare what you need. Material in a dry form does not need to be protected from freezing.
- Easily mixed with water in the field. Only 5-10 minutes of mixing are required. For large jobs the solution can be prepared the day before. One bag prepares one gallon of solution, thus eliminating the need to store and carry heavy drums of product.
- Contains a tracer dye for easy and even spraying. The dye provides a yellow-green color for easy identification. The dye will decompose in sunlight after drying, so there is no problem with overspray or staining of forms, equipment or clothing.
- No fumes, VOC's or smell. Since it is prepared with water, there are no unpleasant or noxious smells. It can be safely applied in areas with low ventilation.
- Formulated with thickeners for easier spraying, less misting and less dripping. The thickeners eliminate the accumulation of material in low spots that gives uneven results. The spray pattern is also better, since it reduces fine mist blowing in windy conditions.
- Expo Rock is non-toxic and biodegradable. It does not contain harmful biocides, or require special storage. Safe for applicators.
- Reduces storage space. Since packaged Expo-Rock is concentrated and does not contain water, it reduces storage space and can easily be transported to jobsites.

DIRECTIONS

All finishing must be completed before applying Expo-Rock.

1. Remove outer bag and add inner bag and contents to a pump sprayer. Add water to sprayer until half full, and mix vigorously for one minute. Add rest of water, and continue mixing slowly for 5-10 minutes for complete dissolution of concentrated powders. The solution prepared will be a distinctive yellow-green in color to help produce an even coverage.



2. Apply the solution with a low pressure sprayer to fresh concrete after all finishing has been done, just after the concrete loses its sheen. Do not rework the concrete after Expo-Rock has been applied or an uneven finish will result.
3. Remove surface mortar within about 8-24 hours after the initial set of the concrete. Time will vary depending on weather conditions. Use a stiff broom to loosen the mortar and remove with a low pressure hose sprayer.

COVERAGE

One gallon (3,785 ml) of prepared solution will cover 150-200 sq ft. (15-20 sq. m.), of freshly placed concrete. Coverage varies depending on amount of reveal required. Follow concrete curing guidelines after application of Expo-Rock to reduce excessive drying of the surface.

LIMITATIONS

Use of accelerating admixtures, placement in hot weather conditions or accelerated curing conditions will reduce the effectiveness of Expo-Rock. It is recommended that testing be done to determine the suitability of Expo-Rock to your particular applications. Not recommended for vertical applications.

continued...

CONCRETE SURFACE RETARDER

FIRST AID

Mild irritant. Skin contact: wash thoroughly with soap and water. Eye contact: rinse eyes with clean water for 10-15 minutes, contact a physician immediately.

CLEAN-UP

Expo-Rock is biodegradable and environmentally safe. Any spilled product can be washed away with water or picked up with absorbent material. Always follow local, state and federal regulations concerning disposal.

STORAGE

Store in a dry environment. Dry material is stable for about 3 years. Prepared solutions are stable for about 3 days.

PACKAGING

- 1-lb (454-g) bags
40 bags per case
35 cases per pallet (item #98419).

FAQs

- Q. What does Expo-Rock do for concrete?
A. It retards the concrete set on the surface of the concrete.
- Q. How do I know when to wash off the concrete surface?
A. It is best to do it right after the concrete sets. Time will vary with air temperature. When you think it's ready, start removing a small patch. If aggregates begin to become loose, stop and wait longer.
- Q. Will the tracer dye discolor my concrete?
A. No, it will completely disappear after a few hours' exposure to sunlight.
- Q. How long can I keep it after I mix it with water?
A. 3-4 days.
- Q. Can Expo-Rock be added directly into concrete to slow the set time?
A. No, Expo-Rock is designed for use as a surface retarder only.

WARRANTY

The information and recommendations in this publication are, to the best of our knowledge, reliable. Suggestions made concerning uses or applications are only the opinion of Fritz-Pak Corporation and users should make their own tests to determine the suitability of these products for their own particular purposes. However, because of numerous factors affecting results, Fritz-Pak Corporation makes no warranty of any kind, express or implied, including those of merchantability and fitness for purpose. Statements herein, therefore, should not be construed as representations or warranties. The responsibility of Fritz-Pak Corporation for claims arising out of breach of warranty, negligence, strict liability, or otherwise are limited to the purchase price of the materials.

U.S. Patents No. 4,961,790 and No. 5,120,367.

© 2009 Fritz-Pak Corporation