

Crocodile Floor Hardener

Cementitious Floor Hardener



Cementitious Floor Hardener

Crocodile Floor Hardener is a high-quality blend of carefully graded quartz-silica aggregate, selected Portland cement and special dispersing and water-reducing agents. Crocodile Floor Hardener is a ready-to-use surface treatment for new concrete which imparts greater durability and longer service life to high-traffic concrete floors. The quartz-silica aggregate is naturally compatible with concrete and provides a very hard, dense, abrasion-resistant surface. It has proven to produce 300% greater abrasion resistance than untreated concrete slabs.

Product Features

- Provides greatly improved floor life and long-term performance
- Provides, non-dusting, spall-resistant surface
- Finished surface is uniform and doesn't need to be painted.
- Smooth, dense surface resists penetration of grease and oil.
- Produces an easy-to-clean, low-maintenance floor which is resistant to most cleaners and surface scouring

Color : Grey, Light Green, Dark Green, Brown

Application Instruction

Substrate Preparation

The concrete should be allowed to stand after screeding and bull floating. This will give the bleed water time to come to the surface. The bleed water can be removed with a rubber hose by dragging it in a loop across the concrete surface or by allowing it to evaporate. Do not apply floor hardener into bleeding water. If a harsh or low slump concrete mix is used do not delay application of floor hardener. Float the concrete immediately prior to floor hardener application to open the surface. Use a wood float or wood bull float for this.



Application

The floor hardener should be applied in two steps, often referred to as "shakes". Use a mechanical spreader or broadcast by hand approximately 2/3 of the required floor hardener evenly over the concrete surface. Allow the floor hardener to absorb available moisture until it wets out thoroughly. After the floor hardener darkens uniformly it should be floated into the concrete surface with a wood hand or bull float. Apply the remaining floor hardener in a similar manner except at right angles to the first shake. Again, allow the floor hardener to wet out thoroughly and then float it in using a wood hand or bull float. Avoid overworking the surface at this point to keep the floor hardener at the surface. Float the edges by hand using a wood hand float. A power float can also be used to float the floor hardener into the concrete surface; however, it is necessary to delay application until the concrete can support the power float and the operator.

Estimated Coverage

Type of Application	Recommended Consumption
Medium duty	2-3 kg/sq.m.
Heavy duty	3.5-5 kg/sq.m.

The recommended application rate for dark green color should not exceed 3 kg/sq.m.

Technical Data

Test Method	Standard	Evaluation
Moh's scale of Hardness at 28 days	-	8-9

Limitations

Floor Hardener is a cementitious product. It should not be used in areas where exposure to acids or other chemicals which attack concrete can occur. Floor Hardener is not recommended for use in areas subject to highly concentrated live loads, point impact loading or where steel-wheeled vehicles will be operated. Use Floor Hardener where high impact and point loading will occur.

Caution

- Cement may cause injury to skin or eyes. Use of rubber gloves, dust masks, eye protection, and other safety equipment is recommended.
- If contact with eyes occurs, flush immediately and repeatedly with water, and then contact doctor immediately.
- Avoid contact with skin. Wash thoroughly after handling.
- Keep out of reach of children

Storage

- It should be kept in a dry place and the temperature is not too high to avoid product's degradation.
- Shelf life for 1 year since manufactured date.

Packing

Net weight: 20 kg/bag

The information provided is given in good faith, based on current knowledge and Jorakay Corporation's experience with the products when they are properly stored, handled and applied in normal situations and in accordance with the recommendations of Jorakay Corporation. This is useful for information and consulting, but is not legally binding. In particular, it does not exempt the user from testing and verifying the suitability of the product for the desired application and purpose. Jorakay Corporation reserves the right to modifications that improve the product or its application. This version invalidates previous ones.