



Description

Robex Duraquartz and Robex Duraquartz Rapid are long term repair materials for damaged flooring, kerbs, up stands, structural concrete, ramps and steps as well as being ideally suited for the bedding in of machinery, railings, etc. This advanced material combines tenacious adhesion with tremendous strength and is the answer to concrete repairs in areas of high wear, expansion/contraction and/or chemical attack.

Preparation

Remove all loose material and dust. Surfaces must be dry, clean and free from oils, fats, etc. Animal or vegetable fats/oils should be removed with a suitable biodegradable cleaner. Petroleum based deposits should be removed with a suitable solvent degreaser. Rinse thoroughly with clean water and allow to dry.

Mixing Ratio

Duraquartz: Two parts Base: One part Reactor by volume or empty contents of Reactor into Base container and stir thoroughly.

Duraquartz Rapid: One unit Base: One unit Reactor as supplied and stir thoroughly.

The Quartz Aggregate is added to the resultant mix. Thorough mixing of the product is facilitated by adding a small amount of Quartz Aggregate at a time. A "dry" mix is to be preferred and frequently the quartz can carry on begin added long after saturation appears to have been achieved.

Pot Life

Duraquartz: 50-60 minutes

Duraquartz Rapid: 30-40 minutes

Curing Time

Duraquartz: Touch dry: 2-3 hours
Full cure: 12-18 hours

Duraquartz Rapid: Full cure: 2-4 hours depending on temperature

Application

Duraquartz may be applied by trowel or float. In the case of concrete which is dusting the area should first be primed using a short bristled brush with the mixed Base and Reactor prior to adding the Quartz Aggregate. Following this the Quartz should be added to the mixed Base and Reactor as described under "Mixing Ratio" and the repair effected immediately. In order to achieve a smooth floated finish it is advised that the surface of the float/trowel be wiped occasionally with a cloth soaked in paraffin. Care should be taken to avoid excessive use however as this could integrate with the product.

Minimum Cure Temperature

Duraquartz: 5°C

Duraquartz Rapid: 0°C

Flash Point

Above 100°C

Storage Life

24 months in original sealed containers

General Notes

Duraquartz is intended as a maximum strength repair system for virtually all concrete problems. Should, however, a quicker cure time be required we recommend the use of Duraquartz Rapid. In the case of cold stores or other areas where temperatures are below 0°C the use of Duraquartz SZ (Sub Zero) is recommended.

No liability is accepted for any injury, loss or damage arising directly or indirectly from the use of the Company's products or from the use of information given in our data sheets, since the customer's use of the product is necessarily out of our control. The information given is intended to serve as a guide only. Customers should satisfy themselves by appropriate trials that the products are suitable for their intended use.

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