



Robex S.A.
(PTY) LTD. REG:2002/012975/07

Unit 2
No. 6 Middle Muir Road
Anderbolt 1459

P.O. Box 2082
Boksburg 1460

Tel: +27 (0)11 892 - 2604 / 2565
Fax: +27 (0)11 917 - 1474

TECHNICAL DATA/ INSTRUCTION SHEET

DURAQUARTZ AND DURAQUARTZ RAPID

Description:

Robex Duraquartz is the long term repair material for damaged flooring, kerbs upstands, 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 materials and dust. Surfaces must be dry, clean and free from oils fats, etc. Animal or vegetable fats/oils should be removed with a suitable solvent degreaser. Rinse thoroughly with clean water and allow to dry.

Mixing Ratio:

Duraquartz:	2 parts base; 1 part reactor by volume or empty contents of reactor
	Into base container and stir thoroughly/
Duraquartz Rapid:	1 unit base; one unit reactor as supplied. 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 Quartz can carry on being 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 temp.

Application:

Duraquartz may be applied by trowel or float. In the case of concrete which is dusting the areas 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 advise 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 Deg .C

Duraquartz Rapid: 0 Deg. C

Flash Point:

Above 100 Deg. 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 Deg. C the use of Duraquartz SZ (Sub Zero) is recommended.

Statements made herein regarding the capabilities and performance of this product are expressions of the company's expectations based on field experience. To the best of our knowledge this information is reliable and accurate, however, the buyer must rely on his own skill and judgement in assessing suitability to the application. Robex accepts no liability for losses howsoever incurred arising from the Buyer's use of this product.