

ROCKBOND RAPID HARDENER

Early strength additive for concrete and mortar

DESCRIPTION

ROCKBOND RAPID HARDENER (RB 6.20) is an early strength additive based on calcium chloride, used for concrete and mortar and must be added to the mixing water.

SPECIAL PROPERTIES

- Can be used with most types of cements. Trials may be needed.
- Provides faster setting times than normal concrete.
- Ready to use.

USES

- Can be used in concrete where the time frame is a critical factor ie: on roads around manholes.
- Quick setting for brickwork mortar.
- Floor tile bedding mortars for quicker laying of the tiles.

MIXING INSTRUCTIONS

ROCKBOND RAPID HARDENER (RB 6.20) should always be added to the mixing water.

Set out below is an approximate dosage and setting time chart, taking into consideration that these setting times may vary as there may be some moisture contained in the mix.

These are average times at approx 20°C (concrete mix design: 6 pts agg: 1 pt OPC).

ROCKBOND RH : WATER	INITIAL SET	FINAL SET
1:5	25 minutes	55 minutes
1:7	35 minutes	1 hour 15 minutes
1:10	1 hour 5 minutes	2 hours 5 minutes
1:15	2 hours 5 minutes	4 hours 10 minutes
1:20	3 hours 10 minutes	6 hours 15 minutes

NOTE: at 1:5 dilution with water = approx 28 litres of ROCKBOND RAPID HARDENER per m³ of concrete.
At 1: 7 dilute = approx 20 litres per m³ of concrete and at 1: 10 dilution = approx 15 litres per³ of concrete.

PACKAGING AND SIZE

5 Litre Plastic Containers, 20 Litres Plastic Pails and 200 Litre Metal Drums.

HEALTH AND SAFETY

Rockbond Special Concrete Products are generally quite harmless, provided normal precautions are taken when handling chemicals.

Avoid contact with food stuffs and utensils. Avoid prolonged skin contact. Wear protective clothing gloves, goggles etc. In the event of contamination wash thoroughly with water. If the eyes or mouth are affected wash with clean water and obtain medical attention.

TECHNICAL DATA

COLOUR:	Light yellow
SPECIFIC GRAVITY:	1.20 kg/litre
FLASH POINT:	Not applicable
TOXICITY:	Not applicable
DG CLASSIFICATION:	Not applicable
SHELF LIFE:	12 Months in an unopened container

TECHNICAL INFORMATION

Should you have any queries, or require further information, please contact our Technical Sales Team:

CONTACT DETAILS

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