

TECHNICAL DATA SHEET

EVAPORATION RETARDER

Water based compound for control of shrinkage cracking

DESCRIPTION

Evaporation Retarder (RB 7.27) is a Surface-Active Agent in water solution, used to reduce the water evaporation rate from the surface of freshly laid flat concrete. When spray applied in diluted form to the surface of freshly laid plastic concrete it greatly reduced the tendency for surface plastic cracking (shrinkage cracking in plastic concrete) to occur during adverse weather conditions.





SPECIAL PROPERTIES

- Reduces the tendency for surface plastic cracking in freshly laid concrete.
- Troweling aid that improves workability and finishing characteristics of cement surface.
- Extends surface workability time for any given set of weather conditions.
- Obviates the need for surface water sprays of fogging to maintain workability.
- Contains fugitive dye that shows area treated but will not stain the concrete in any way.

USES

- To extend the working time of new freshly laid concrete.
- To reduce the water evaporation rate of freshly laid concrete and stop surface cracking prior to cure being applied.

MIXING INSTRUCTIONS

Rockbond Evaporation Retarder (7.24) before use is to be diluted 1: 4 with water. Shake well after the addition of water.

COVERAGE

Evaporation Retarder diluted 1: 4 with water will cover 10 sq metres per litre when spray applied to a flat concrete surface that has had an initial screeding.

PACKAGING

Evaporation Retarder is available in 20 litre containers & 200 litre drums. The product has a shelf life of 2 years.

APPLICATION PROCEDURE

Use spray equipment to apply a fine mist to completely cover the concrete surface with the diluted product. On very dry or windy days the preferred method of application is a backpack sprayer with a long wand. Application is most effective the sooner it is applied, preferably immediately after initial screeding. After spraying the surface, finish with normal floating. When working in hot dry conditions, a further application should be made after each finishing operation that is after wood floating, steel trowelling etc.

Evaporation Retarder is not a curing agent, and application of Slabcure or Membrane Cure should proceed as soon as trowelling of surface is complete.

Not suitable for application onto vertical surface or where excessive run-off of the diluted solution may occur.

HEALTH AND SAFETY

Evaporation Retarder is non-toxic and safe to use. However, if splashes enter the eyes, product must be washed out immediately with plenty of clean running water. Continue the treatment for several minutes with the eyelids kept open. If the product is ingested, give the patient plenty of water to drink. Wear goggles, a mask and protective clothing while handling, spraying and applying the material. The product is slippery when spilt.

IMPORTANT NOTE

When stored, Evaporation Retarder should be protected from frost, direct sunlight and away from localised heat sources. Keep containers closed when not in use.

TECHNICAL DATA

COLOUR:	Dark green liquid
SPECIFIC GRAVITY:	1.03kg/Litre
1 pH:	6.0 - 8.0

TECHNICAL INFORMATION

Should you have any queries, or require further information, please contact our **Technical Sales Team: +64 4 568 5401**