

Armix Cure RB

(Formerly known as MYK Cure RB)

Resin Based Concrete Curing Compound



TECHNICAL DATA SHEET

Product Description

Armix Cure RB is a single component low viscous liquid. It conforms to BS: 7542-1992, ASTM: C309. It is a film forming curing compound formulated from synthetic resins. It prevents water loss from concrete when it is applied over green concrete surface. It is suitable for spray application to freshly poured concrete. The resultant film retains sufficient moisture in the concrete to ensure full hydration of the cement, essential for optimum strength development.

Uses

Ideal for curing newly cast concrete by spraying immediately after removal of forms. Useful substitute for water curing in huge highway projects, kerbs, road dividers, bridges, pavements, etc. where water curing cannot be relied upon. Ideal for use in small repair jobs like spalling rectification, repairs in occupied buildings, etc. where water curing may not be practically possible. Ideal for curing sloped and vertical surfaces like in case of Canal linings, chimneys, silos, towers, columns and beams.

Features and Benefits

Forms into a break-free, non-penetrating, aluminium textured polymeric film on coming into contact with the cementitious surface ensuring moisture retention. Improves cement hydration, thereby reducing shrinkage and improving durability. Reduces thermal impact on the concrete surface owing to its reflective nature. The formed film disintegrates naturally but remains long enough to ensure optimum curing. Once applied, no external curing is required. Eliminates risk of inconsistency in curing and enhances concrete quality. Eliminates risk of shrinkage cracks. Single component and easy to apply by spraying. Single spray application over the concrete/masonry surface will suffice for the entire curing period. There is no need to over-coat. Does not contain chlorides.

Application Methodology

1. Method: Stir the Armix Cure RB liquid thoroughly before use. Ensure the aluminium pigments present in the liquid are homogeneously dispersed before the material is applied.

2. Application: Armix Cure RB has been designed for spray application over the freshly laid concrete once the visible surface water has evaporated from the green concrete surface i.e. typically 30 to 120 minutes after placing the concrete. A thin layer of Armix Cure RB is applied to the whole concrete surface using a power driven equipment. For small areas, hand operated spray gun can be used. Ensure uniform application. The pump pressure should be maintained at a level to produce fine spray. Allow the product to dry 4 to 6 hours before exposure to foot traffic. Protect the applied area from rain for at least 2 to 4 hours.

Cleaning of tools & Equipment

Immediately after use, the spray equipment should be cleaned out thoroughly with xylene or petrol.

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Technical Data

Nature	Single component liquid.
Type	Compound with aluminum pigments
Color	Bulky liquid - Grey
Dry film color	Silvery white
Specific gravity at 30°C	0.83 ± 0.1 gm/cc
Application temperature	Not less than 10°C
Drying time at 30°C	Approx. 60 minutes
Water retention test	Passes
Standards	ASTM C309 Class B and BS 7542

Consumption

3.5 to 5 SqM / ltr, (0.200 to 0.285ltr / SqM)
(Note: Coverage will vary widely depending on the surface being treated)

Packaging

20 litre and 200 Litre

Storage and Shelf Life

It has a shelf life 12 months. Containers should be kept airtight to prevent surface evaporation and to be store under shaded area.

Health & Safety

It is advisable to wear goggles while spraying. Inhalation of spray should be avoided. When it contacts with skin, should be cleaned immediately. Seek medical advice in case of contact with eyes.

Legal Note

The information, and, in particular, the recommendations relating to the application and end-use of MYK Arment products, are given in good faith based on MYK Arment current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with MYK Arment's recommendations. In practice, the difference in materials, substrates and actual site conditions are such that no warranty in respect of merchant ability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application & purpose. MYK Arment reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local product data sheet for the product concerned, copies of which will be supplied on request.

Product Categories Available

