

CLF Allcure Curing Compound: Water Based Acrylic Emulsion

DESCRIPTION

CLF Allcure Curing Compound is a water-based slightly viscous acrylic emulsion solution which dries to a colourless stain free surface when applied to concrete.

ADVANTAGES

- Economical, single application
- Reduces incidence of shrinkage cracks
- Promotes better strength gain characteristics
- Useful as a dust-proofer and surface hardener (particularly on floor areas)
- No film breakdown period involved
- Does not interfere with subsequent concrete surface treatments of concrete (paints, emulsions, sealants, adhesives, renders)

STANDARDS

CLF Allcure conforms to the requirements of ASTM 309.

PHYSICAL AND CHEMICAL PROPERTIES

- Physical state: liquid
- Specific gravity (25°C): >1
- pH (where a pH measurement is possible): 10
- Solubility in water: dilutable

APPLICATION GUIDES

USE

CLF Allcure is an economical method to assist in efficient concrete curing. The product acts chemically with the hydroxides produced by the hydration of cement to form a dense pore-filling crystalline structure that in turn reduces the water evaporation rate from the concrete surface.

The presence and retention of water in concrete is essential to ensure adequate strength development and minimise initial plastic shrinkage crack development.

It should be noted that while CLF Allcure is effective in improving moisture retention, the Curing Efficiency Index is lower than that of conventional resin- film-forming membranes. Therefore, where a high Curing Efficiency Index is required, one should select a resin film forming membrane compound (ask a CLF technical team member for more information on other products within the CLF Curing Compound range).

Bear in mind that should subsequent surface coatings be required, the time lapse involved with resin based membranes is subsequently longer.

DOSAGE

- The recommended application rate (preferably by a spray applicator) is 5 m²/l.
- Over application may result in a slightly glassy concrete surface finish.

DIRECTIONS

Horizontal Surfaces

CLF Allcure should be applied to freshly cast horizontal surfaces immediately after the initial surface water sheen has dissipated.

Vertical Surfaces

CLF Allcure should be applied immediately to the "as stripped" concrete surface (there is no pre-requisite to damp down the surface prior to application).

Equipment

All spraying equipment should be cleaned with water after use.

PACKAGING

- 25 litre metal plastic drums
- 200 litre metal plastic drums

HEALTH & SAFETY

CLF will provide onsite assistance when requested. Please refer to the relevant Material Safety Data Sheet.

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The information given is based on knowledge and performance of the material. Every precaution is taken in the manufacture of the product and the responsibility is limited to the quality of supplies, with no guarantee of results in the field as Norton Construction Products has no control over site conditions or execution of works

