



DESCRIPTION

DRYLEX ULTRACURE C is a water-based acrylic emulsion of milky appearance which dries to a colourless, stain-free surface finish when applied to newly cast concrete. The product is ready to use, has exceptional grab character and develops a tenacious bond to the host substrate and is applied to concrete surfaces following the final finishing or stripping of forms. DRYLEX ULTRACURE C may be used in external and internal applications and is unaffected by UV radiation.

ADVANTAGES

- Economical, single application
- Reduces incidence of shrinkage cracks
- Promotes better strength gain characteristics
- Bonds well to damp concrete
- Useful as a dust-proofer and surface hardener particularly on floor areas
- High curing efficiency
- Does not interfere with subsequent concrete surface treatments.
- Water based
- Cured film is clear and water repellent

APPLICATIONS

DRYLEX ULTRACURE C is an economical method of assisting efficient concrete curing. The presence and retention of water in concrete is essential to ensure adequate strength development and to minimize an initial plastic shrinkage crack development. Unlike conventional surface film forming membranes, DRYLEX ULTRACURE C acts chemically with the hydroxides produced by hydration of cement in concrete thus giving a dense, pore-filling, crystalline structure which in turn reduces the moisture evaporation rate from the concrete surface. It should be noted that whilst DRYLEX ULTRACURE C is effective in improving moisture retention, the curing Efficiency Index is lower than that of conventional resin film-forming membranes. Therefore, where high curing efficiency Index Rates are required, the DRYLEX ULTRACURE C resin film-forming membrane compounds should be considered. Bear in mind that should subsequent surface coating be required, the time lapse involved with resin based membranes is substantially longer. This selection of the correct curing membrane grade is dependent on specification requirements and on job site conditions. For use on structures to receive potable water.

TECHNICAL DETAILS

Appearance	Milky white liquid
Specific gravity	1.0 @ 20°C
Flash Point	none
Curing efficiency	>55%
Finished Film	Clear, satin
Tensile strength	1.8 N/mm ²
Freezing Point	0°C
Chloride content	None
Toxicity	None
Coverage	8.0m ² per liter



DRYLEX
New Generation Solutions

ULTRACURE C

TECHNICAL DATA SHEET

PACKAGING

DRYLEX ULTRACURE C is supplied in 20 L and 200 L drums

STORAGE

Store under cover, out of direct sunlight and protect from extremes of temperature. Failure to comply with these recommendations may result in the product undergoing premature deterioration and undesired results.

SHELF LIFE

24 months, rotate stock, store in a dry and cold area.

WATCH POINTS

The main advantage in using DRYLEX ULTRACURE C is that it will not interfere in any way with subsequent surface treatments for concrete, i.e. paints, emulsions, sealants, adhesives, renders, tile adhesives, etc. Equipment should be cleaned with water after use

NOTE:

On over application, a slightly glassy concrete surface finish can result. Avoid storage conditions of extreme temperature and direct sunlight. Failure to comply with less than ideal storage conditions may result in premature deterioration of the product or packaging. Prolonged exposure of the product to the sun may result in decomposition of the DRYLEX ULTRACURE C characterized by an egg like smell. The product is unusable if this occurs and should be discarded accordingly. Avoid applications that are too thick. Subsequent coats must be at right angles to the previous coat.

COVERAGE

The recommended rate of application is 8 m² per litre of product dependent on the substrate.