

TECHFIN ACRYLIC CURE WHITE

WATER BASED ACRYLIC EMULSION CONCRETE CURING COMPOUND

DESCRIPTION

TECHFIN ACRYLIC CURE WHITE is a water-base slightly viscous acrylic emulsion which dries to a white, stain-free surface finish when applied to the concrete. NOTE: on over application, a slightly glassy concrete surface finish can result.

ADVANTAGES

- White pigments reflect light allowing more controlled cure
- 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.

APPLICATIONS

TECHFIN ACRYLIC CURE WHITE is a more effective 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, TECHFIN ACRYLIC CURE WHITE reflects light and acts chemically with the hydroxides produced by hydration of cement in concrete thus giving a dense, pore-filling, crystalline reflective structure which in turn significantly reduces the moisture evaporation rate from the concrete surface. Due to the inclusion of white pigments, the curing Efficiency Index is higher than that of conventional acrylic film-forming membranes. Where higher curing efficiency Index Rates are required, the TECHFIN RESIN CURE 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.

DIRECTIONS

TECHFIN ACRYLIC CURE WHITE should be spray applied to freshly cast horizontal concrete surfaces immediately after the initial surface water sheen has disappeared. For vertical surfaces the TECHFIN ACRYLIC CURE WHITE can be applied immediately to

the “as stripped” concrete surface (there is no prerequisite to damp down the surface prior to application).

WATCH POINTS

The main advantage in using TECHFIN ACRYLIC CURE WHITE 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.

TECHNICAL DETAILS

Appearance	: Milky thin white liquid
Specific Gravity	: 1.0 at 20°C
Flash Point	: None
Finished Film	: White. On over application glassy effect
Shelf Life	: 1 year
Freezing Point	: 0°C
Chloride Content	: None
Toxicity	: None
Coverage	: 8.5m ² per liter
Packaging	: 25Lt or 200Lt Drums