

Hydracure

High performance general purpose liquid curing compound

Innovative products for your success

Uses

Hydracure provides a film of high water retention enabling curing of the concrete by reducing loss of water from the concrete.

Advantages

- Reduces surface shrinkage and cracking by eliminating moisture loss from exposed surface.
- Enables cement to hydrate more efficiently.
- Save time, can be applied as soon as possible after finishing concrete.
- Eliminates need for damp Hessian, sand or polyethylene.
- Fast forming film dries within 60-120 minutes depending on ambient temperature and site conditions.
- Forms a non-staining continuous clear film on clean stain free concrete or render surfaces is easily applied and free from discoloration.
- Non-flammable and non-toxic under normal usage and is supplied ready for immediate use.
- Can be overcoat with specific after-trade, e.g. rendering painting, etc.

Standards compliance

Hydracure meets the ASTM C309 TYPE 2 and ASTM C156 Test method for water retention by concrete curing materials.

Description

Hydracure is a high performance liquid membrane curing compound, clear or white in colour and cures to a clear film. It consists of a stable chemical based on suitably processed non-toxic plasticizers, etc.

Hydracure (white) pigment is available for specified usage where light reflectance properties are required.

Technical support

Cemkcrete provides range of technical advisory service such as on-site assistance and advice on curing membrane selection, evaluation trials and dispensing equipment. Technical data and guidance can be provided for curing membrane and other products for use with fresh and harden concrete.

Properties

Specific gravity at 25°C :	1.020-1.030
Color :	Clear, White
Dry film color :	Clear film, White film
Dry film (approx) :	1-2 Hours.

Application instructions

Stir contents thorough before using. Spray **Hydracure** as evenly as possible over the freshly laid concrete as soon possible after final trowel when the surface water had disappeared (approx 1-2 hours depending on the ambient temperature and atmospheric conditions). If spray equipment is not available, apply with a soft brush, broom or wide nap roller as soon as the concrete surface is hard enough. Apply to vertical surface immediately after the formwork has been removed. Apply at an even coverage rate of not greater than 6 sq.m. per liter. Ensure the concrete surface is completely free of stains, oils from coatings, etc., to obtain good adhesion of **Hydracure** on any other trades, and to avoid obtaining discoloration or even surface effects.

Cleaning

Immediately after use, the spraying equipment should be cleaned out, especially the line and nozzle, with water.

Spraying equipment

For the application of **Hydracure** various types of spraying equipment can be supplied, i.e. Knapsack or motorised sprayers.

Estimating and Packaging

Coverage

Not greater than 6 m² / Liter

Packaging

20 and 210 liter containers

Fire

Hydracure is non-flammable and non-toxic under normal usages.

Precautions

Health and safety

All containers must be kept sealed and stored under cover with no exposure of sun. **Hydracure** range of concreting aid and surface treatment which includes plasticizers, retarders, air entrainment agent, waterproof, moulds release agents, workability aids And repair materials. Separate data sheets are available on the products.

If contact with the resin occurs, the skin should be washed with soap and water. Do not use solvent. Goggles should be worn when spraying with a short lance. Any eye contamination should be washed with plenty of water and medical treatment be sought. When used in enclosed areas, good ventilation must be provided.

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Additional Information

Cemkrete manufactures and supplies wide range of those complementary products which includes:

- Waterproofing membranes & waterstops
- Joint sealants & filler boards
- Cementitious & epoxy grouts
- Specialized flooring materials
- Fireproof coating and systems
- Concrete admixture
- Repairing material

For further information on any of the above, please consult your local Cemkrete office - as below.

Important Note: Cemkrete warrants its materials free of manufacturing defects and produced as per standard specifications and sold under the terms and conditions of usages, whilst Cemkrete endeavors to ensure that any advice, recommendation, or information, given through its products literatures are reflects of the R&D in-house lab test and practical sites experience and knowledge based feed backs, however, the products are being used under various conditions and applied beyond its control where or how either directly or indirectly at various locations and places at a different stages that of an intended purposes and uses. Therefore, Cemkrete cannot hold warranty or responsible for resultant consequences, such as damages to the property or assets but the product itself.

