

DATA SHEET

Hycrete Endure Cure

Curing Compound and Finishing Aid

PRODUCT DESCRIPTION

Hycrete Endure Cure is a multi-purpose concrete curing and concrete finishing-aid for flatwork, which provides immediate and long-term benefits. Hycrete Endure Cure is a specially formulated water-based product, which provides efficient moisture retention on freshly placed concrete.

Hycrete Endure Cure also provides a long-lasting lubricated concrete surface for easier finishing and prolonged workability. This helps in reducing the trowel drag and stickiness.

Hycrete Endure Cure, hydrophobic and pore blocking chemistry helps produce a denser concrete surface, resulting in slower evaporation. Hycrete Endure Cure makes it unnecessary for the contractor to add water to finish the concrete surface.

Hycrete Endure Cure improves the durability of the concrete by reducing absorption, thus fewer chlorides can penetrate the concrete. Hycrete Endure Cure also provides enhanced protection from corrosion.

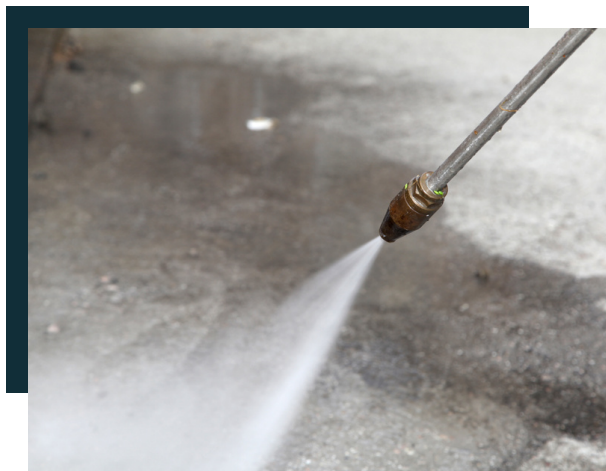


USES AND APPLICATIONS

- Walls and slabs on grade, and elevated slabs.
- Above and below grade construction.
- Water containment reservoirs.
- Sewage and water treatment plants.
- Secondary containment structures.
- Underground vaults.
- Tilt-up panel walls.
- Pre-cast and architectural concrete components.
- Architectural water features and fountains
- Bridges, dams, and highway infrastructure.
- Aquatic centers, marinas, and zoos.
- Swimming pools.
- Runways, taxiways, rigid pavements, concrete driveways.

KEY BENEFITS

- Lubricates fresh concrete surface without the addition of water.
- Improves workability and abrasion resistance.
- Allows additional work time in windy, hot or dry conditions.
- Retains moisture for improved curing.
- Reduces shrinkage and curling.
- Improves resistance against crazing, scaling & efflorescence.
- Increased freeze-thaw resistance.
- Protects concrete surface from de-icing salts infiltration.
- Clear & transparent.
- VOC free.



PRODUCT APPLICATION

Rate of Application	150 Square feet per gallon. Coverage rates may vary, depending on the finish and porosity of the concrete and ambient conditions.
Time of Application	Hycrete Endure Cure may be applied as a finishing aid during the troweling and finishing process. Apply with a fine mist sprayer as soon as possible after screeding. Use during and after bull floating and trowelling operations. Work freshly applied material into the surface of the concrete during normal finishing procedures. Apply as soon as all surface water has disappeared and the concrete surface will not be marred by walking workers.
Structural Segments and Formwork	In case of structural segments enclosed in formwork, the application can be initiated after the formwork is opened and the structural element is exposed. When spray applying on vertical surfaces, start from bottom and move upwards along the concrete segment. Not to be used on architectural concrete walls. Please contact your Hycrete technical representative.
Equipment	A pneumatic low pressure airless spray pumping system with a fan tip opening of 0.023" to 0.032" should be used for the horizontal surface application. Spray wand must be kept at a minimum 6" to 8" away from the surface with a minimum 50% overlapping process. Application process must not flood the freshly placed concrete.
Weather Conditions	Care should be taken if there is a cross wind during application of the product. Spray nozzle tip and distance of the nozzle from the surface must be adjusted during application to account for the wind. This product must be applied with ambient temperatures above 40 degrees Fahrenheit. Applying product in freezing conditions may result in a whitish residue on the surface. Application rate with ambient temperatures 90 degrees Fahrenheit and above will require reduced surface area per gallon to ensure the product does not dry out immediately.
Mixing	Agitate product before use. Do not mix any other compound or water to dilute.

GENERAL PROPERTIES AND CHARACTERISTICS

Physical characteristics: Form: Liquid Specific gravity: 1.2 Color: Light Green Flammability: Non-Flammable pH: 10.4 VOC: Zero	Packaging: 5 gallon pails; 55 gallon drums; 275 gallon totes
Storage and handling: Store above 32°F (0°C) and below 120 °F (48 °C) and away from sunlight. Recirculation of the product is required before use. Product is light green for application purposes and dries clear.	
Expiration: When stored indoors in original, unopened containers at temperatures between 40° - 90° F, optimum performance and best use is obtained within one year of date of manufacture.	

Safety

- Hycrete Endure Cure is a water-based material and should not be swallowed or come into contact with skin or eyes. Wear suitable protective gloves and goggles. If material comes in contact with the skin, wash immediately with soap and water. In case of contact with eyes, rinse immediately with sufficient water and seek medical support. If swallowed, seek immediate medical attention. For further information please consult the Material Safety Data Sheet.

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Hycrete warrants that its products are free from manufacturing defects and, when applied in accordance with the current specification and application instructions, will perform as so stated in its product literature.

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