



Eliminate wet curing and curing compounds while creating concrete that is highly durable and easier to pump, place, and finish.

E5® Internal Cure is the first admixture proven to provide internal curing of concrete. It controls the evaporation of the mix water to ensure increased hydration of cement. **E5® Internal Cure** replaces the need for traditional wet cure and curing compounds, while also making the concrete easier to pump, place, and finish.

E5® Internal Cure increases the density of the concrete matrix, resulting in a highly durable surface which is resistant to abrasion and chemical attack even in heavy traffic areas and under freeze-thaw conditions.

E5® Internal Cure admixture gives control back to the finisher, even in inclement weather conditions.

E5® Internal Cure can be added to every yard of concrete including: exterior pavement, parking garages, structural walls, columns, footings, civil infrastructure, interior slab on grade and slab on metal decks.

No additional surface water is needed.

Carbon Reduction Advantage

Eliminating topical chemicals on concrete reduces the carbon footprint of construction project.

For every 100,000 SF pour, 880 Pounds of CO2 is eliminated from our environment.

1 - 5 Gallon Bucket of Curing Compounds Covers 300SF +/-
1 - 5 Gallon Bucket of Curing Compound Produces 13.2 lbs CO2

Features & Benefits

- Controls the water of transport and the water of convenience to cure.
- Eliminates wet curing and topical curing compounds.*
- Improves pumpability, workability and finishability.
- Reduces evaporation even in low humidity, high wind, and direct sunlight conditions.
- Reduces drying shrinkage and curling.
- Replaces traditional topical densifiers.

*E5® Internal Cure has been tested by a 3rd party lab and qualifies for use as a concrete curing compound when tested in accordance with ASTM C156-20.

Compatibility

E5® Internal Cure is highly effective on its own or in combination with other E5® admixtures. If using multiple admixtures, it is critical to add each one individually to the concrete mix to ensure fullest efficacy and to provide desired results.

Dosage

For all concrete applications, recommended dosage is 4 fl. oz. per 100 lbs. (0.52-2.61 L/100 kg) of cementitious material.

It is recommended that concrete trial mixes be conducted to determine the correct dosage rate for your particular materials and ambient conditions. For more information about the use of this product, please contact your local E5® Representative or the Technical Services Department at 1-888-881-1726.

Mixing

For best results, **E5® Internal Cure** should be introduced in the concrete mixer at the ready mix location per the E5® Standard Operating Procedure. Allow for proper mixing at the plant before leaving for the project. It is recommended that the combined materials be mixed for approximately 70 revolutions, whether in the concrete mixer or in the Ready-Mix truck.

Environmental Product Declaration

Carbon Footprint (Cradle to Gate)
Global Warming Potential (GWP, 100 years)
6.67 Pounds of CO2 Per Gallon

Packaging

Size	Gallons	Liters
Pail	5	19
Drum	55	209
Tote	275	1041
Tanker	Bulk	Bulk

Storage Instructions

Do not break seal until product is ready for use. Maintain unused product in the original container. Store in a well-ventilated, cool and dry location at temperatures between 40°-130°F (4° - 54°C). This product has a shelf life of 18 months in its original unopened container. **It is EXTREMELY important to protect from freezing, direct sunlight, and UV exposure.**



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