



E5[®] INTERNAL CURE[®]



Eliminate wet curing and curing compounds while improving the sustainability and finish of the concrete surface



E5[®] PATENTED

Carbon
reducing
PRODUCT



Description

E5® Internal Cure® is the fifth element to concrete, and solves the most common problems with on-site concrete production. E5® Internal Cure® simplifies the specification and completion of concrete applications for all parties by ensuring a quality finish that is sustainable, quantifiable and duplicatable each and every time; exceeding customer's expectations for performance, value and simplicity.

E5® Internal Cure® admixture gives control back to the finisher, even in inclement weather conditions. No additional surface water is needed.

LEED Benefits

E5® Products are bio-degradable, non-hazardous environmentally conscious solutions that extend the service life of the concrete. Contact Specification Products for project specific LEED information.

Packaging

| Size | Gallons | Litres |
|--------|---------|--------|
| Pail | 5 | 19 |
| Drum | 55 | 208 |
| 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, dry location and temperatures between 4° - 54°C (40°-130°F). This product has a shelf life of 18 months in its original unopened container. Protect from freezing, direct sunlight, and UV exposure.

Dosage

For all concrete applications, recommended dosage is 250-500 ml. per 100 kg of cementitious material.

Mixing

Required dosage should be introduced in the concrete truck at the ready mix location per the Specification Products Standard Operating Procedure. Allow for proper mixing at the plant before leaving for the project.

Features & Benefits

- Internal Curing controls the water of transport and the water of convenience to cure
- Eliminates wet curing and topical curing compounds
- Increase finishability and workability
- Low humidity, high winds, direct sunlight will not affect the surface from drying or cause differential cycling
- Reduces drying shrinkage and curling

Primary Applications

Any and all concrete including:

- Exterior Pavements
- Parking Garages
- Structural Walls
- Columns
- Footings / Mass Footings
- Infrastructure
- Interior slab on grade and slab on metal decks

Carbon Reduction Advantage

Eliminating post placement chemicals on the jobsite significantly reduces the carbon footprint of construction projects.

For every 10k m2 pour, 430 kilograms of CO₂ is eliminated from our environment.*

* 1 - 5 gallon bucket of curing compound covers 300 SF
 * 1 - 5 gallon bucket produces 13.2 pounds of CO₂

Environmental Product Declaration

Carbon footprint result (Cradle to Gate)

| Category of Impact | Equivalent Unit | Impact |
|---|--------------------|--------|
| Global warming potential (GWP, 100 years) | kg CO ₂ | 280 |
| Global warming potential (GWP, 100 years) excluding biogenic carbon | kg CO ₂ | 280 |

For full EPD, visit www.specificationproducts.com



Manufactured by Specification Products
www.SpecificationProducts.com

Review technical data sheets and Specification Product Standard Operating Procedure for proper application and use. Please contact Distributor for assistance.

Australian Distributor - McClay Industries Pty Ltd
 1300 443 549
www.mcclay.au