

RCS™ Technology



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
Pail	5
Drum	55
Tote	275
Tanker	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 40°-130°F (4° - 54°C). 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 4-8 fl. oz. per 100 lbs. 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 Pavement

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 100k SF pour, 880 pounds 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