



# E5 CATALYST

Reactive topical spray, optimized to increase surface strengths and impact resistance by utilizing the nano silica in E5 RCS concrete.



**WHEN USED AS A SYSTEM:**

Exceeds ASTM C-309  
Standard Specification for Liquid  
Membrane Forming Compounds

Exceeds ASTM C-156  
Standard Test Method for Water Loss



## Product Description

Quickly and effortlessly create a consolidated concrete surface every time with E5 Catalyst. After pouring the slab and using E5 Internal Cure, simply spray on E5 Catalyst after combo blades to begin densifying the slab immediately. E5 Catalyst reduces drag by producing a micro grout, making troweling smooth and effortless—resulting in less user fatigue and lower cost of equipment maintenance. The result is an extremely hard and dense concrete surface.

## RCS™ Technology

RCS™ concrete slab systems outperform rival product classes in their resistance to physical, chemical and microbial attack. Provided that the right system is chosen, impregnation with RCS™ materials will preserve a structure for a long time.

## Packaging

E5 Catalyst is packaged ready for use and should not be blended with any other product.

5 gallon pail

55 gallon drum

275 gallon tote

## Storage Instructions

E5 Catalyst should be kept in the original container, with the lid fastened tightly. Keep in a cool, dry place raised off the floor. Keep in temperature range of 40–100°F or 4–38°C.

**\*IMPORTANT: Do Not Allow to Freeze**

## PHYSICAL PROPERTIES

- Appearance: Clear colorless liquid
- VOC Content: 0 g/l – free
- Freeze point: 32°F - 0°C

## Features & Benefits\*

### \*When used with E5 Internal Cure

- Lubricates for more efficient closing of the slab surface
- Extends surface workability time significantly
- Helps finishing under hot, dry, sunny & windy conditions
- Reduces operator fatigue and trowel wear
- Increases abrasion resistance
- Creates a denser, less permeable surface for resistance to liquid penetration and staining
- Increases impact resistance
- Reduces efflorescence on both colored & standard concrete
- Enhances reflectively and shine

## Environmental Benefits

- Zero-VOC formula
- Ships ready to use formula
- No hazardous waste

## Coverage

E5 Catalyst will yield consistent results, within environments conducive for placing fresh concrete.

Hardener/Densifier.....800-1000 sf/gal

**\*IMPORTANT: DO NOT OVER APPLY**

## Application:

Apply E5 Catalyst using a low-pressure pump sprayer. E5 Catalyst is applied after the floating process or first combination pass. Spray apply to concrete surface, holding spray tip 18-24 in. (30-60 cm) inches above surface and moving side to side to achieve even distribution.



Distributed by:



RussTech, Inc.

11208 Decimal Drive Louisville, KY

40299 Phone: (502) 267-7700

Fax: (502) 267-8922