

## TECHNICAL DATA SHEET

### DESCRIPTION

TOP-CAST EX 200 Wash-Off Extender is a VOC compliant, membrane forming, water-based, surface retarder extender.

Top-Cast EX 200 is part of the TOP-CAST® Decorative Finish System including:

TOP-CAST® Surface Retarder  
 TOP-CAST® SS 100 Site Saver  
 TOP-CAST® EX 200 Wash-Off Extender  
 TOP-CAST® PR 300 Penetrating Protector  
 TOP-CAST® CS 400 Cure and Seal  
 TOP-CAST® HG 500 High Gloss Sealer

### USE

Top-Cast EX 200 is designed to be used with the Top-Cast Surface Retarder. When properly applied, Top-Cast EX 200 aids in creating a uniformly etched surface and will extend the removal time of Top-Cast several hours depending on application conditions.

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### FEATURES

- VOC compliant in all areas of the U.S. and Canada
- May contribute to LEED credits
- Does not interfere with adhesion of subsequent surface treatments, (such as sealers) once removed
- Ideal for extending Top-Cast removal times
- Tested and compliant per CDPH V1.2



### Drying time:

Approximately 4 hours at 70°F (21°C).  
 Dry time may be extended in cool and/or humid conditions.

### Note:

Not recommended or intended for in-form surface retarder applications.

### voc

Compliant with all Canadian and U.S. VOC regulations including Federal EPA, OTC, LADCO, SCAQMD & CARB. VOC content less than 100 g/L.

### Estimating Guide

Top-Cast EX 200 will cover approximately 400 ft<sup>2</sup>/gal. (9.8 M<sup>2</sup>/L)

### Packaging

PRODUCT CODE	PACKAGE	SIZE	
		Gallon	Liter
101003	Pail	5	18.9

### STORAGE

Store in tightly sealed original factory containers. Prevent water and dirt accumulation from tops of containers. Keep from freezing. Shelf life in unopened containers is 18 months from date of manufacture.

### Mixing

Stir thoroughly prior to use. Do not thin.

### Test before placement:

Top-Cast EX 200 can increase the removal times of Top-Cast Surface Retarder by several hours. Due to variations of concrete mix designs, in addition to regional and seasonal environmental differences, the extended removal times should be determined by performing a sample application.

### Placement:

Protect surrounding areas such as curbs, borders, adjacent stones, pavers, etc. from over-spray with a coat of Top-Cast SS 100.

Apply Top-Cast EX 200 after Top-Cast Surface Retarder has completely dried. Consult the Top-Cast Technical Data Sheet for dry times. When properly applied, Top-Cast EX 200 will be dry in approximately 4 hours.

Spray application is recommended for Top-Cast EX 200. Top-Cast EX 200 must be applied uniformly and at the recommended coverage rates. When using a pump up sprayer, keep the equipment under constant, even pressure.

Both Top-Cast and Top-Cast EX 200, when dry, provide good protection against intermittent rain and do not require any additional coverings. If heavy rain is expected, cover with plastic.

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### APPEARANCE

Creamy-yellow colored liquid. Dries clear.

### Removal:

Top-Cast EX 200 is used to extend the working time of Top-Cast Surface Retarder, and will be removed when the Top-Cast Surface Retarder is removed.

Actual removal time for the desired appearance varies based upon concrete mix design, finishing technique, weather conditions and grade of Top-Cast used. The use of a garden hose with a stiff broom can be used when removing Top-Cast sooner or using high-pressure water or a combination of water and scrubbing if left on longer. With faster setting concrete mix designs or application in hot weather, it may be necessary to remove the retarded matrix the same day for best results, particularly, when using the lightest etches. Consult the online Top-Cast User Guide for removal techniques.

Do not wait too long to remove Top-Cast. Top-Cast will slow the set of the concrete surface but will not stop it, if the concrete cures too hard the Top-Cast will be harder to remove.

A mock up panel placed near the actual concrete placement using the same concrete mix and technique can be used as a test panel for aid in determining the proper time to remove the retarded matrix with the extender.

### CLEAN UP

For tools and equipment use warm soapy water prior to the material drying. After the product dries, the use of a Dayton Superior Citrus Cleaner J48, organic solvent such as xylene, or butyl-based cleaners and scrubbing may be necessary to remove the product.

### LIMITATIONS

#### FOR PROFESSIONAL USE ONLY

Do not allow product to freeze prior to application. Do not apply at temperature below 40°F (4°C). Cool, damp conditions and/or over-application may extend drying time. Protect surrounding areas from over-spray.

### PRECAUTIONS

Top-Cast Surface Retarder must be completely dry prior to the application of the the Top-Cast EX 200. Not recommended for in-form surface retarder applications.

### PRECAUTIONS

#### READ SDS PRIOR TO USING PRODUCT

- Use with adequate ventilation
- Wear protective clothing, gloves and eye protection (goggles, safety glasses and/or face shield)
- Keep out of the reach of children
- Do not take internally
- In case of ingestion, seek medical help immediately
- May cause skin irritation upon contact, especially prolonged or repeated. If skin contact occurs, wash immediately with soap and water and seek medical help as needed.
- If eye contact occurs, flush immediately with clean water and seek medical help as needed
- Dispose of waste material in accordance with federal, state and local requirements

### MANUFACTURER

Dayton Superior Corporation  
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Miamisburg, OH 45342  
Customer Service: 888-977-9600  
Technical Services: 877-266-7732  
Website: [www.daytonsuperior.com](http://www.daytonsuperior.com)

## TECHNICAL DATA SHEET

### WARRANTY

Dayton Superior Corporation ("Dayton") warrants for 12 months from the date of manufacture or for the duration of the published product shelf life, whichever is less, that at the time of shipment by Dayton, the product is free of manufacturing defects and conforms to Dayton's product properties in force on the date of acceptance by Dayton of the order. Dayton shall only be liable under this warranty if the product has been applied, used, and stored in accordance with Dayton's instructions, especially surface preparation and installation, in force on the date of acceptance by Dayton of the order. The purchaser must examine the product when received and promptly notify Dayton in writing of any non-conformity before the product is used and no later than 30 days after such non-conformity is first discovered. If Dayton, in its sole discretion, determines that the product breached the above warranty, it will, in its sole discretion, replace the non-conforming product, refund the purchase price or issue a credit in the amount of the purchase price. This is the sole and exclusive remedy for breach of this warranty. Only a Dayton officer is authorized to modify this warranty. The information in this data sheet supersedes all other sales information received by the customer during the sales process. THE FOREGOING WARRANTY SHALL BE EXCLUSIVE AND IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, AND ALL OTHER WARRANTIES OTHERWISE ARISING BY OPERATION OF LAW, COURSE OF DEALING, CUSTOM, TRADE OR OTHERWISE.

Dayton shall not be liable in contract or in tort (including, without limitation, negligence, strict liability or otherwise) for loss of sales, revenues or profits; cost of capital or funds; business interruption or cost of downtime, loss of use, damage to or loss of use of other property (real or personal); failure to realize expected savings; frustration of economic or business expectations; claims by third parties (other than for bodily injury), or economic losses of any kind; or for any special, incidental, indirect, consequential, punitive or exemplary damages arising in any way out of the performance of, or failure to perform, its obligations under any contract for sale of product, even if Dayton could foresee or has been advised of the possibility of such damages. The Parties expressly agree that these limitations on damages are allocations of risk constituting, in part, the consideration for this contract, and also that such limitations shall survive the determination of any court of competent jurisdiction that any remedy provided in these terms or available at law fails of its essential purpose.