

**LOOKS  
BEAUTIFUL  
ON THE TOP  
SURFACE...  
AND ON THE  
BOTTOM LINE.**

**A BREAKTHROUGH, EASY TO USE  
CONCRETE SURFACE RETARDER  
THAT LOWERS APPLICATION COST  
FOR HIGHER MARGINS.**

- UNIFORM HIGH-QUALITY FINISH
- UNMATCHED RELIABILITY AND CONTROL
- ENVIRONMENTALLY FRIENDLY
- AVAILABLE IN 11 DIFFERENT GRADES
- CREATES FINISHES FROM MICRO ETCH TO FULLY EXPOSED AGGREGATE.
- COST-EFFECTIVE COVERAGE RATES UP TO 3X BETTER THAN COMPETITORS
- OUTSTANDING TECHNICAL SUPPORT



#### DAYTON SUPERIOR PRODUCTS

##### BRIDGE DECK FORMING

Adjustable Joist Hangers  
Bridge Overhang Brackets  
Haunch and Fillet Forming  
Pres-Steel, Coil Rod and  
Con-Beam Hangers  
Screed Supports

##### CHEMICALS

Bond Breakers  
Cleaners / Strippers  
Concrete Repair/Restoration  
Curing Compounds / Sealers  
Epoxies  
Floor Levelers  
Form Release Agents  
Grouts  
Hardeners/Industrial Toppings  
Liquid Densifiers  
Surface Retarders

##### FORMING AND SHORING

Aluminum Shoring  
Ganged Formwork  
Garage Beam System  
Handset Formwork  
Highway Forms  
Jump Forms  
Modular Deck Shoring  
One Sided Frames  
Self Spanning Forms  
Steel Frame Shoring

##### FORMLINERS

ABS Plastic  
Polystyrene Plastic

##### PAVING

Dowel Bar Expansion Caps  
Dowel Bar Retrofit System  
Elastomeric and Hot Pour Joint Seal  
Metal Keyway Form Systems  
Tie Bar Assemblies  
Transverse Bar Assemblies  
Welded Dowel Assemblies  
Wire Baskets without Dowels

##### PRECAST

Anchors and Lift Systems  
Coil / Ferrule Inserts  
Core Plugs  
Magnets  
Precast Forms  
Rustications/Chamfers  
Sandwich Panel Connector  
Shear Connectors  
Slotted Inserts

##### REBAR SPlicing

Forged Dowel Bar Couplers  
Lockshear Bolt Couplers  
Shear Resistance Products  
Straight Thread Couplers  
Taper Thread Couplers

##### REBAR SUPPORTS

Concrete Dobbies  
Continuous Plastic and Steel Bar  
Supports  
Individual Plastic and Steel Bar  
Supports  
Mesh Chairs  
Paving Chairs  
Side Form Spacers

##### TIES AND ACCESSORIES

Modular Form Ties  
Single Waler System  
Ties and Accessories

##### TILT-UP

Braces and Brace Anchors  
Helical Ground Anchors  
Setting Plugs  
Strongback System  
Tilt-Up Anchors and Lifting  
Systems



**Top-Cast®**

*Surface Retarder*



#### CONTACT INFORMATION

##### CORPORATE HEADQUARTERS

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##### ACCESSORIES AND CHEMICALS

Customer Service: 888-977-9600  
Technical Assistance: 877-266-7732  
info@daytonsuperior.com



Manufactured by **GRACE**

# GET BETTER RESULTS. NO MISTAKES. IT'S SO EASY.

Adds profitable decorative opportunities  
with no special equipment or training



## SPRAY

- Apply after sweat finish
- Spray or roll
- Pigmented to show coverage
- Rain-safe in 2 hours
- No plastic needed



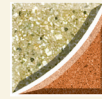
## RINSE

- Expose within 24 hours
- Rinse same day or pressure wash next day



## SHOW

- Uniform finish every time
- Increases productivity with better results



Top-Cast®

# Concrete Surface Retarders

## CHOOSE YOUR FINISH

- Available in 11 different grades that create a range of finishes from micro-etch to fully exposed aggregate.
- Grade selection based on size of aggregate to expose and strength of mix.
- All grades are formulated separately to create distinctly different products.

		NO. CODE	ETCH AGGREGATE SIZE TO EXPOSURE	PACKAGE COLOR
MICRO ETCH		03	Acid Etch Finish	Violet
		05	Sandblast Finish	Light Blue
		15	Up to 1/4" (6.5 mm)	Yellow
MEDIUM EXPOSURE		25	1/8" – 1/4" (3 mm–6.5 mm)	Beige
		50	1/8" – 3/8" (3 mm–9.5 mm)	Canary Green
		75	1/8" – 3/8" (3 mm–9.5 mm)	Blue
		100	3/8" – 1/2" (9.5 mm–13 mm)	Gray
FULL-DEPTH EXPOSURE		125	3/8" – 5/8" (9.5 mm–16 mm)	Pink
		150	3/8" – 5/8" (9.5 mm–16 mm)	Green
		200	5/8" – 1" (16 mm–25 mm)	Salmon
		250	1" – 1 1/2" (25 mm–38 mm)	Orange

\* Values listed are for standard 6-Sack Mix.  
In some conditions with certain mixes, it may be necessary to rinse the retarded matrix the same day.

\*\*Do not over-finish and/or delay application beyond the initial bleeding on the light finishes. Coverage Rate: 175–300 ft<sup>2</sup>/gal (4.3–7.4 m<sup>2</sup>/L)

**Always test under job site conditions to verify the appropriate grade for specific mix designs.**

### DIRECTIONS:

- Shake well before application.
- Before placing concrete, protect adjacent surfaces.
- Place concrete and float or trowel finish.
- Apply Top-Cast with a handheld plastic sprayer at a rate of 175–300 ft<sup>2</sup>/gal (4.3–7.4 m<sup>2</sup>/L).
- Once dry, 1–2 hours after application, Top-Cast provides protection against intermittent rain and requires no covering with plastic or poly. It also ensures protection in windy or hot weather.
- Depending on temperatures, concrete surface paste can be washed off in 4 to 24 hours with water hose and broom or high-pressure washer.
- Environmentally friendly! Use water for clean up.