Grace Top-Cast Concrete Surface Retarders offer unmatched reliability and control for exposed aggregate finishes.

These products offer a unique controllable selection of surface finishes to add beauty to decorative concrete.

Coupled with outstanding technical service and support at the job site, Grace delivers added value that is unmatched in the industry.

**Also Available:**
- Integral liquid pigments by Grace Construction Products
- Grace MicroFiber™ and STRUX® Synthetic Fiber
- Euro-Tard and Pieri® Duro-Tard surface retarders for in-form and face-down applications
- Pieri® Gel-Etch acid profiling gel
- A comprehensive group of premium form-release agents
- Face-off masking agent
- Admixtures from Grace

**Directions:**
- Shake well before application.
- Before placing concrete, protect adjacent surfaces.
- Place concrete and float or trowel finish.
- Apply Grace Top-Cast with a sprayer at a rate of 175–300 ft²/gal (4.3–7.4 m²/L).
- Once dry, 1–2 hours after application, Grace 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.
- Use water for clean up.

**Note:**
- It may be necessary to remove the retarded matrix the same day, especially in hot weather (temperatures generally above 80°F), particularly the lightest etches 03, 05 and 15.
- For best results when using Grace Top-Cast 03, 05, 15 and 25, do not delay the application any longer than the evaporation of the initial bleed water.

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

Get better results! No Mistakes! It’s so Easy!
Environmentally friendly. Over-application will not affect quality of finish.

<table>
<thead>
<tr>
<th>No. Code</th>
<th>Etch Aggregate Size to Exposure*</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>03**</td>
<td>Acid Etch Finish</td>
<td>Violet</td>
</tr>
<tr>
<td>05**</td>
<td>Sandblast Finish</td>
<td>Light Blue</td>
</tr>
<tr>
<td>15</td>
<td>Up to ¼ in. (6.5 mm)</td>
<td>Yellow</td>
</tr>
<tr>
<td>25</td>
<td>⅛ in.–¼ in. (3 mm–6.5 mm)</td>
<td>Beige</td>
</tr>
<tr>
<td>50</td>
<td>⅛ in.–⅝ in. (3 mm–9.5 mm)</td>
<td>Canary Green</td>
</tr>
<tr>
<td>75</td>
<td>⅛ in.–⅜ in. (3 mm–6.5 mm)</td>
<td>Blue</td>
</tr>
<tr>
<td>100</td>
<td>⅛ in.–⅜ in. (9.5 mm–13 mm)</td>
<td>Gray</td>
</tr>
<tr>
<td>125</td>
<td>⅛ in.–⅝ in. (9.5 mm–16 mm)</td>
<td>Pink</td>
</tr>
<tr>
<td>150</td>
<td>⅛ in.–⅜ in. (9.5 mm–16 mm)</td>
<td>Green</td>
</tr>
<tr>
<td>200</td>
<td>⅝ in.–1 in. (16 mm–25 mm)</td>
<td>Salmon</td>
</tr>
<tr>
<td>250</td>
<td>1 in.–1½ in. (25 mm–38 mm)</td>
<td>Orange</td>
</tr>
</tbody>
</table>

* Values listed are for standard mixes with 560 lbs. of cement. 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 ft²/gal (4.3–7.4 m²/L)

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

Spray
- Apply after sweat finish
- Spray or roll
- Pigmented to show cover
- No Visqueen

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

Showcase
- Uniform finish
- Increases productivity with better results