

TECHNICAL DATA SHEET

DESCRIPTION

TOP-CAST PR 300 Penetrating Protector is an easy-to-use, water-based solution that hardens and dustproofs, requires no rinsing, and is VOC compliant in all areas. When sprayed on new, exposed aggregate concrete, it makes the concrete more water, stain, and abrasion resistant for easier maintenance and longer life. Top-Cast PR 300 can be applied the same day that Top-Cast has been removed, once the surface is dry.

Top-Cast PR 300 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

Suitable for new or existing exposed aggregate concrete surfaces, such as Office Building, Malls, Hotels, Casinos, Restaurants, Governmental: Federal & State Buildings, Patios, Walkways, and Driveways.

TOP-CAST® is a trademark of GCP Applied Technologies. All rights reserved.

FEATURES

- Easy application, no rinsing required
- Penetrates, no film to lift or peel off
- Reduces efflorescence and surface sweating
- Does not contribute to surface ASR
- VOC Compliant, can contribute to LEED points
- Resists stains and dusting, making concrete easier to maintain

voc

"0" g/L VOC. Compliant with all Canadian and U.S. VOC regulations including Federal EPA, OTC, LADCO, SCAQMD & CARB.

Estimating Guide

Exposed Aggregate Concrete:
200-350 sq. ft/gal (4.90 – 8.58 sq. M/L)
Texture and absorption of surface will determine final coverage rates. Single application recommended.

Packaging

PRODUCT CODE	PACKAGING	SIZE	
		Gallon	Liter
100998	Pail	5	18.9

STORAGE

Keep from freezing. Shelf life is 12 months from date of manufacture, properly stored in original unopened containers.

Surface Preparation:

Apply only when temperatures will be above 40° F (4.4° C) for at least 4 hours following application. Apply after the Top-Cast surface retarder has been removed and has dried. The surface should be clean of any dirt, laitance or contaminants that prevents the Top-Cast PR 300 from penetrating the surface.

Do not allow Top-Cast PR 300 to come into contact with glass, fabric, metal, or painted surfaces. Immediately wipe contaminated surfaces with a damp cloth, then wipe dry with a second clean cloth.

Avoid application in windy conditions, direct sunlight or to hot surfaces.

Mixing

Mildly agitate before each use. Do not thin or dilute.

Placement:

On new Top-Cast Surface Retarder applications, allow the surface to become visibly dry before applying the Top-Cast PR 300.

Spray Top-Cast PR 300 evenly on the surface using a high volume, low pressure sprayer, or use a good pump up sprayer for smaller jobs. Apply in one uniform application and do not reapply to areas that have dried.

Before the Top-Cast PR 300 dries, broom any excess puddled material until absorbed.

Surface is ready for traffic when dry, but the complete reaction may take up to two weeks to develop depending on site temperature and conditions. In cool, humid, or enclosed conditions, Top-Cast PR 300 may stay wet for an extended period.

Do not expose the Top-Cast PR300 to water for a minimum of 2 hours once the product is visibly dry.

TECHNICAL DATA SHEET

CLEAN UP

Use soap and water to clean tools and equipment. Although Top-Cast PR 300 is non-toxic and environmentally safe, it is alkali—use up or dry out extra material and dispose of according to local regulations. Do not pour into sewer systems or storm drains.

LIMITATIONS

FOR PROFESSIONAL USE ONLY

Exposed aggregate surfaces treated with Top-Cast PR 300 will not be compatible with future treatments of Top-Cast CS 400 or Top-Cast HG 500.

Do not reapply the top-Cast PR300 over dry, treated areas.

Not recommended for applications during windy conditions, direct sunlight or to hot surfaces.

Do not over-atomize the product during spray installation.

Top-Cast PR 300 will not bridge or fill cracks.

Not suitable for asphalt or non-cementitious surfaces.

Do not allow the Top-Cast PR 300 to come into contact with glass, metal, fabric or painted surfaces.

Protect from freezing.

PRECAUTIONS

READ SDS PRIOR TO USING PRODUCT

- KEEP OUT OF REACH OF CHILDREN.
- Although this product is non-toxic and non-hazardous, it is alkali. Do not drink. If swallowed, do not induce vomiting, call physician.
- Keep container closed tightly when not in use. Wear goggles and gloves. If splashed in eyes, rinse eyes immediately with clean water and call a physician if irritation persists.
- Top-Cast PR 300 will dry out and irritate the skin. Clean skin with soap and water promptly.
- Additional precautions, safety information and first aid treatments are contained in the Safety Data Sheet.
- Top-Cast PR 300 will bond to most surfaces immediately, so wash off over spray with water and mild detergent.
- CAUTION: Surfaces wet with Top-Cast PR 300 may be slippery.

MANUFACTURER

Dayton Superior Corporation
1125 Byers Road
Miamisburg, OH 45342
Customer Service: 888-977-9600
Technical Services: 877-266-7732
Website: www.daytonsuperior.com

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.