

TECHNICAL DATA SHEET

DESCRIPTION

Top-Cast® SS 100 is an innovative surface protectant designed to keep splatter, color, cementitious toppings, cures and retarder overspray from adhering to the surfaces surrounding a concrete placing and finishing operation. It replaces the need for costly plastic barriers, which otherwise need to be taped in place while being compatible with many surfaces including but certainly not limited to masonry, stone and concrete.

USE

When applied to the face of brick or tile prior to being placed in the form, Top-Cast SS 100 will eliminate the adherence of grout or concrete, which may leak through the joints during placement and vibration. Top-Cast SS 100 is water-soluble and should be applied the same day of placement for best results. It is easily removed when the general washing of the concrete surface begins normally the next day. If the removal processes on the following day does not include power washing or scouring with a buffing pad and applying pressure water, the protected area must be washed clean in 24–36 hours to prevent the splatter from adhering.

FEATURES

- Protects surfaces from overspray or splatters
- Easier to use than plastic coverings
- Easy to remove
- Water clean-up

VOC

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

Estimating Guide

400–500 sq. ft./gal (9.8 – 12.2 sq. M/L).

Packaging

PRODUCT CODE	PACKAGE	SIZE	
		Gallon	Liter
100365	Jug	1	3.8
309054	Pail	5	18.9

STORAGE

Protect from freezing. Shelf life is two years from manufacturing date in closed original container.

Surface Preparation:

Surfaces should be clean and dry.

APPLICATION

Apply one coat of Top-Cast SS 100 to the surface to be protected by brush, roller or pump type sprayer at a rate of 400–500 sq. ft./gal (9.8 – 12.2 sq m/L) on the same day as concrete placement. The coating will dry in 10–15 minutes depending on weather conditions.

Place concrete mix.

Strip panels after adequate curing and pressure wash to remove leakage from brick or tile face. Wash surrounding areas the next day when using as masonry protectant.

If the removal processes on the following day does not include power washing or scouring with a buffing pad and applying pressure water, the protected area must be washed clean in 24–36 hours to prevent the splatter from adhering.

Mixing:

Always mix or stir Top-Cast SS 100 gently and thoroughly prior to each use.

CLEAN UP

Clean up the retarded matrix with clean water the same day for best results.

LIMITATIONS

FOR PROFESSIONAL USE ONLY

Protect from freezing.
 Thinning not recommended.
 Apply the same day as concrete placement.
 Remove within 24 hours of the placement.

PRECAUTIONS

READ SDS PRIOR TO USING PRODUCT

- Keep material and containers away from high heat, open flames, sparks or other sources of ignition
- 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

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- 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

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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.