

TECHNICAL DATA SHEET

DESCRIPTION

Top Etch is a water-based, top-surface retarder for producing exposed aggregate concrete flatwork. Top Etch is available in two strengths: regular (blue) and deep (red).

USE

Ideal for cast-in-place flatwork and the top surface of pre-cast concrete panels.

FEATURES

- Economical
- Regular depth or deep depth aggregate exposure
- Ease of application
- Fast turnaround

VOC

V.O.C. is "0" g/L and therefore compliant with all Canadian and U.S. VOC regulations for sealers including Federal EPA, OTC, LADCO, SCAQMD & CARB.

Estimating Guide

Top Etch will cover approximately 100-150 sq. ft. gal (2.5–3.8 sq m /L)

Packaging

Product	Product Code	Packaging	Size	
			Gallons	Liters
Top Etch Regular	140885	Pail	5	18.93
Top Etch Regular	140882	6/Case	1	3.79
Top Etch Deep	140905	Drum	55	.208.20
Top Etch Deep	140899	Pail	5	18.93
Top Etch Deep	140896	6/Case	1	3.79

STORAGE

Keep from Freezing. Top Etch has a shelf life of two years from date of manufacture, in closed original container.

APPLICATION

Mock Up: Always prepare small test panels to confirm the desired depth of etch. When placing test samples, always simulate job site conditions as well as mix designs to be used on the project to establish the proper Top Etch selection and procedure.

Place and level concrete. Do not overwork when closing off the surface or the aggregate be driven down, reducing the depth of exposure. As soon as the bleed water has disappeared (usually 30 minutes or less), uniformly apply Top Etch with a pump-up garden type sprayer, avoiding puddles and overspray.

Cover the concrete with black plastic sheeting, securing the edges to prevent ballooning. Retarded concrete will eventually harden, so the surface should be periodically checked. Under normal conditions Top Etch will retard the surface for 18 hours. With a temperature of 85°F and above, you may need to wash the same day.

Check a small area to be sure the subsurface concrete has cured sufficiently (usually overnight). One section at a time, remove plastic sheeting and pressure wash surface to expose aggregates. On hot, windy days, after uncovering a section, mist entire area with water to prevent flash setting. Then start washing to expose aggregates.

SEALING

To highlight the natural color of aggregate, and for enhanced appearance, seal with Bright Rock Sealer after 7 days from concrete placement, or the Dayton Superior Ultra Seal EF after 24-48 hours from concrete placement.

CLEAN UP

Clean tools and equipment with clean water after use.

LIMITATIONS

FOR PROFESSIONAL USE ONLY

In hot weather it may also be necessary to remove the retarded matrix the same day for best results. Removal of the Top Etch and retarded concrete matrix too early or too late will affect the appearance of the concrete

Not designed for in-form use.

Protect surrounding surfaces from overspray during application and removal.

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PRECAUTIONS

READ SDS PRIOR TO USING PRODUCT

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- 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
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.