

TECHNICAL DATA SHEET

DESCRIPTION

Superior Finishing Aid Concentrate is a concentrated colloidal silica trowel/finishing aid that densifies and improves surface performance and workability. When diluted 4 parts to 1 with clean, potable water, it allows for an enhanced and easier finishing experience, especially when working with Type 1L or Portland Limestone Cement.

USE

Superior Finishing Aid Concentrate helps to produce dense, high quality concrete flatwork by reducing surface evaporation, slab curling and shrinkage. Use Superior Finishing Aid Concentrate during the floating and troweling stage to allow for smoother and faster finishing. It can also be used to reduce efflorescence in colored and standard concrete. Working the colloidal silica into the slab helps reduce surface defects, improve strength and abrasion resistance, and retain moisture.

FEATURES

- Improves surface workability
- Excellent abrasion and impact resistance on Type 1L slabs
- Reduces curling, crazing, efflorescence and shrinkage
- Densifies and strengthens
- Ideal for use with Type 1L Cement or PLC
- Increases productivity - concrete finishers can handle larger areas
- Prevents absorption of harmful salts and chemicals

VOC

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

Estimating Guide

After Dilution: 500 to 1000 sq. ft./gal (12 to 24 sq. m/L)

Coverage will vary based on jobsite conditions and performance requirements. Rates are based one 1 gallon of mixed RTU. 1 gallon of Concentrate will provide 5 gallons of product upon dilution. Do not apply heavier than 250 sq.ft/gal per application.

Packaging

PRODUCT CODE	PACKAGE	SIZE	
		Gallons	Liters
102137	Pail	5	18.9

STORAGE

Shelf life is 24 months from date of manufacture in original unopened containers.
Store between 38°F (3°C) and 102°F (39°C). KEEP FROM FREEZING.

Mixing

Dilute 1 part concentrate with 4 parts clean potable water. Stir thoroughly prior to each use.

Spray equipment:

Use a low-pressure pump-up sprayer with a fan or cone tip for even application. Automatic low-pressure sprayers are also safe to use.

Placement:

Apply Superior Finishing Aid Concentrate during the floating and troweling stages of fresh concrete pours using a clean sprayer at the suggested application rates. Multiple applications can be applied as needed throughout the finishing process. Ensure each application is thoroughly worked in before subsequent applications. The material should be worked into the concrete by a hand or mechanical trowel immediately after application. Do not let product dry before troweling into the surface. Do not let product puddle or pond. Superior Finishing Aid Concentrate will increase the surface cream, allowing for an easier, smoother and faster finishing process.

When working with dry shake hardeners (especially when working with limited bleed water), Superior Finishing Aid Concentrate can be applied before and after dry shake application.

CURING

While Superior Finishing Aid Concentrate does retain moisture and helps in the curing process, it is not membrane-forming and does not eliminate the need for a curing compound. Please utilize a proper Dayton Superior curing compound to ensure full cure of your concrete slab.

CLEAN UP

For tools and spray equipment, use clean water.

LIMITATIONS

FOR PROFESSIONAL USE ONLY

Superior Finishing Aid Concentrate is not a curing compound. Concrete treated with this product must still be cured.

TECHNICAL DATA SHEET**PRECAUTIONS****READ SDS PRIOR TO USING PRODUCT**

- 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
- 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.