

SURE FINISH™

PREMIUM POLYMER MODIFIED FEATHER FINISH

PRODUCT DESCRIPTION

Dayton Superior Sure Finish is a trowel applied, highly polymer modified, cement based, rapid setting underlayment. It provides an exceptionally smooth, true "feather finish" to a wide variety of substrates, including wood, concrete, ceramic and existing resilient flooring. Sure Finish can also be used indoors to repair damaged concrete wall surfaces and on exterior concrete walls that are to be coated.

PURPOSE

Sure Finish can be used to create an exceptionally smooth underlayment prior to the installation of floor coverings such as carpet, VCT, sheet vinyl, wood and other flooring surfaces.

BENEFITS

- 10 lb. pail
- 25 lb. pail
- Skim coat up to 30 sq. ft. per lb.
- Compressive strength exceeds 4000 psi
- No sand or aggregate fillers
- Mix with water only
- No priming required
- Exceptional bond to most surfaces
- Polymer modified for superior bond strength
- Featheredge up to 1/2" in 1 application

PROPERTIES

- Pot Life at 70°F (21°C) - 15-25 minutes
- Final Set at 70°F (21°C) - 30-40 minutes
- Flooring Installation Time at 70°F (21°C) - 50-60 minutes

Time before installing flooring @ 70°F: 30-60 minutes

Compressive Strength - (ASTM C-109)

1 day	2,000-2,300 psi (13.8-15.9 MPa)
7 days	2,300-2,800 psi (15.9-19.3 MPa)
28 days	4,500-5,000 psi (31.0-34.5 MPa)

APPLICATION

Preparation

Insure that the substrate is structurally sound, well bonded, fastened, and clean of any and all dirt, dust, oil, grease, paint, coatings, curing agents, sealers, waxes or any other material or compounds that interfere with bonding of Sure Finish. Concrete floors must be of adequate strength and cured a minimum of 28 days. Plywood substrates should not be directly on grade or be ventilated.

Plywood should be APA Exterior, Group 1, CC type. Adhesives, if present, must be non-water based type. Prepare existing adhesive by wet razor scraping to a thin well-bonded residue as recommended by the Resilient Floor Covering Institute.

Mixing

Sure Finish is mixed with water only based upon the amount of Sure Finish that is being used. Mix approximately 2.5 quarts of water per 10 lbs. of Sure Finish powder (approximately 2.5 parts powder for every 1-part water). Can be remixed one time. Do NOT add any additional water when remixing.

Mix only as much material as can be used in 25 minutes. Mix full 10 lb. units with a mechanical mixer only. Smaller quantities can be mixed by hand. Always use clean, potable water only. Always place water in the mixing container first, then add the Sure Finish powder while continually mixing. Mix thoroughly until all powder has been completely dispersed to a lump free, creamy consistency. Do not overmix. Over mixing will induce air and reduce working time. Do not use more than the recommended amount of water. Temperatures of the water and material will affect the work and set times. Higher temperatures will shorten the work time while lower temperatures will extend them.

APPLICATION

Sure Finish is applied by using a straight edge steel trowel, forcing the material into the substrate to fill and cover surface voids and defects. Feather finish as necessary. No minimum thickness is required. For thicknesses greater than 1/2" apply material in multiple lifts allowing a minimum of 60 minutes per lift. Standard floor coverings such as sheet vinyl, VCT and carpet can be installed in approximately 30-60 minutes after placement. Special flooring such as epoxies and urethanes may require 16 hours cure of the Sure Finish. Broom or rough finish all but final lift for better adhesion of next lift.

Dayton Superior Sure Finish
Infect Technical Data Sheet and MSDS
777 Washington Village Dr. Suite 150, Dayton OH 45459
Customer Service Dept. 937-266-5772-9600
Technical Assistance Dept. 937-266-8774

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SURE FINISH™

STORAGE AND SHELF LIFE

Always store Sure Finish in a cool, dry place out of the sun. Reseal unused product tightly in their containers. Shelf life, when stored properly is 12 months from date of manufacture.

APPROXIMATE COVERAGE:

A 10 lb. pail will cover approximately 30 sq. ft. at 1/8" thickness. Skim coating will cover approximately 250-300 sq. ft. depending upon the type and porosity of the substrate. All coverage rates are provided as estimates only, as actual coverage rates will vary according to the type and porosity of the substrate.

PACKAGING

10 lb (4.5kg) bags, 144 bags/pallet and 30 lb. (13.6kg) plastic pails, 36 pails/pallet.

CLEAN UP

Clean used tools and equipment with soap and water. Do not let Sure Finish set or it will be difficult to remove.

LIMITATIONS

For interior applications only used in horizontal applications. Exterior vertical applications must have a protective coating applied. Do not apply at temperatures below 40° F (4° C). Do not apply over gypsum-based substrates or water based adhesives. Do not use as a wear layer.

PRECAUTIONS

Skin is sensitive to cement. Wearing protective gloves and goggles is recommended. Avoid contact with eyes. Avoid prolonged contact with skin. Contains portland cement. Wash exposed skin promptly with water. May cause skin irritation as well as cement burns. In case of eye contact, flush eyes repeatedly with clean water and contact a physician. Harmful if ingested. Read MSDS before using product.

MANUFACTURER

Dayton Superior Corporation
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Dayton, OH 45459
Customer Service: 877-977-9600
Technical Services: 866-329-8724
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.

LIMITATION OF LIABILITY

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 that such limitations shall survive the termination of any contract of compliance jurisdiction that may come by or result from these terms or evaluation of law that is its essential purpose.

DAYTON

For more information, visit www.daytonsuperior.com for latest Technical Data Sheet and MSDS
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Customer Service: 866-977-9600
Technical Assistance: 866-329-8724

DAMMON ENGINEERING INC

Date: 3.8.10 Project: Stennis ROP

Reviewed: X

Reviewed as Noted: _____

Revised and Resubmit: _____

Rejected: _____

Other: _____

Corrections or comments made on the shop drawings during this review do not relieve the contractor from compliance with requirements of the drawings and specifications. This check is only for review of the general conformance with the design concept of the project and general compliance with the information given in the contract documents. This contractor is responsible for: confirming and correlating all quantities and dimensions; selecting fabrication processes and techniques of construction; coordinating his or her work with that of all other trades and performing all in a safe and satisfactory manner.

Submittal Item: Concrete Patch
Comments _____