

TECHNICAL DATA SHEET

DESCRIPTION

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.

USE

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.

FEATURES

- Skim coat up to 30 sq. ft. per lb.
- Compressive strength exceeds 4000 psi (27.58 MPa)
- 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" (1.27cm) in one application
- Flooring Installation Time at 70°F (21°C): 50-60 minutes

PROPERTIES

Pot Life at 70°F (21°C): 15-25 minutes
Final Set at 70°F (21°C): 30-40 minutes

Estimating Guide

Approximately 30 sq. ft. at 1/8 in. (2.79 sq m @ 0.3 cm) thickness per 10 lb. (4.54 kg) pail.

Approximately 250-300 sq. ft./10 lb. (23.2-27.9 sq. M/4.54 kg) pail for skim coating, depending upon the type and porosity of the substrate. Substrate texture and porosity will influence the actual coverage rate.

Packaging

PRODUCT CODE	PACKAGE	SIZE	
		lbs	kg
305629	Pail	10	4.54
305630	Pail	25	11.34

STORAGE

Store in a cool, dry area free from direct sunlight. Shelf life of unopened pails, when stored in a dry facility is 12 months. Excessive temperature differential and /or high humidity can shorten the shelf life expectancy.

APPLICATION

Surface Preparation:

To prepare surface, follow all standard ACI and ICRI recommendations. Remove all dirt, gas, oil, grease, carpet, adhesives, asphalt, paint, curing compounds, and all loose surface materials. All cracks must be repaired and filled. Cracks that exhibit movement must be either left open through the topping or repaired in such a way as to stop the movement. Any and all control, expansion, or other joints must not be filled with the Sure Finish. For removing dirt, grease, carpet adhesives and certain paints and curing compounds use Dayton Superior’s Citrus Cleaner J48. 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 clean potable water only. Mix approximately 2.5 quarts (2.36 L) of water per 10 lbs. (4.54 kg) of Sure Finish powder. Product 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 units with a mechanical mixer only while smaller quantities can be mixed by hand. 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 over-mix. 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.

Placement:

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 in. (1.3 cm) 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.

CLEAN UP

Use water prior to material hardening. After material has hardened abrasive methods are required.

LIMITATIONS

FOR PROFESSIONAL USE ONLY

For horizontal applications, interior use only. Exterior vertical applications must have a protective coating applied. Do not apply at temperatures below 40° F (4° C).

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Do not apply over gypsum-based substrates or water-based adhesives. Do not use as a wear layer. Prepackaged material segregates while in the pail, thus when mixing less than a full pail it is recommended to first agitate the pail to assure it is blended prior to use.

PRECAUTIONS**READ SDS PRIOR TO USING PRODUCT**

- Product contains Crystalline Silica and Portland Cement – Avoid breathing dust – Silica may cause serious lung problems
- 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

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.

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.