

TECHNICAL DATA SHEET

DESCRIPTION

Superior Wall Finish is a single component, cement based material specially formulated for rubbing, smoothing, and reprofiling vertical concrete surfaces.

USE

Superior Wall Finish is a trowel, roller or brush applied mortar designed to eliminate small concrete surface blemishes, rough areas, bug holes and form marks on poured walls, tilt-up and precast. Superior Wall Finish develops a high bond strength to the concrete and is not sensitive to water after curing. Applications are interior or exterior on above grade vertical surfaces.

FEATURES

- Install down to featheredge
- Easy to use; just mix with water
- Color blended to dry light gray
- 20 - 30 minutes working time
- No primer needed
- Interior or exterior applications
- Can be left exposed, not sensitive to moisture.
- Paintable after 1 hour
- Accepts all types of paint
- Self-curing
- Tested and compliant per CDPH V1.2



PROPERTIES

ASTM C109
Compressive Strength (28 days): 3,000 psi
ASTM C348
Flexural Strength (28 days): 600 psi
ASTM C882
Slant Shear Bond Strength (28 days): 1,300 psi

Note:

The data shown is typical for controlled laboratory conditions. Reasonable variation from these results can be expected due to interlaboratory precision and bias. When testing the field mixed material, other factors such as variations in mixing, water content, temperature and curing conditions should be considered.

Estimating Guide

30 lbs. (13.6 kg) will cover 36 sq. ft. (4.4 sq. m) at approximately 1/8 in. (0.32 cm) thickness.

10 lbs. (4.5 kg) will cover 12 sq. ft. (1.5 sq. m) at approximately 1/8 in. (0.32 cm) thickness.

Packaging

PRODUCT CODE	PACKAGE	SIZE	
		lbs	kg
114023	Bag	10	4.5
114024	Bag	30	13.6

STORAGE

When stored in a dry facility, shelf life of unopened bags is 18 months for the 10 lbs bags and 12 months for the 30 lbs bags. Excessive temperature differential and /or high humidity can shorten the shelf life expectancy. Store in a cool, dry area free of direct sunlight.

Surface Preparation:

The substrate must be sound and free of all foreign material including curing compounds, bond breakers, oil, grease, paint, etc. Surfaces should have a slight profile to ensure good adhesion. All surfaces to be repaired should be in a saturated surface-dry (SSD) condition with no standing water on the surface.

Water Requirements:

Per 30 lb (13.6 kg) bag: Trowel applied: 8.5 US pints (4.0 L), Brush or Rolling: 11.5 US pints (5.4 L)

Per 10 lb (4.5 kg) bag: Trowel applied: 2.8 US pints (1.3 L), Brush or Rolling: 3.8 US pints (1.8 L)

Mixing

Mix by hand or with a slow speed drill in a clean container. Mix only what can be placed in 20 minutes. Do not mix more than 3 minutes. Do not over mix or re-temper.

Placement:

When placing by trowel, sponge float, brush or roller force the material into cracks, voids bug holes and honeycomb areas to eliminate any voids. Superior Wall Finish retains its moisture prior to curing and will spread easily. Product can be placed vertically up to 2 in. (5.1 cm) thick and overhead up to 1/8 in. (0.32 cm) thick.

Finishing:

Superior Wall Finish may be rolled, brushed, smooth troweled or sponge floated prior to material setting hard and may be sanded after it hardens.

TECHNICAL DATA SHEET**CURING**

Dry times will depend on applied thickness and weather conditions. In extreme hot and windy conditions moist curing may be required.

CLEAN UP

Use water prior to material setting hard. Hardened material requires abrasive removal methods.

LIMITATIONS**FOR PROFESSIONAL USE ONLY**

Prepackaged material segregates while in the bag, thus when mixing less than a full bag it is recommended to first agitate the bag to assure it is blended prior to use.

Do not place at temperatures below 40°F (5°C) or if the temperature is expected to drop below 40°F (5°C) in the next 24 hours

In hot weather follow ACI Committee 305 recommended procedures

Not for use as a parge coating or stucco type application

Protect from rain or excess water for 1 hour.

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 requirement

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.