

SS Vertical Mix



Technical Data Sheet VERTICAL MIX

PRODUCT DESCRIPTION

SS Vertical Mix is a cementitious mixture of lightweight aggregate combined with adhesive properties, which allow for the application to vertical and overhead horizontal surfaces. SS Vertical Mix has an open time of up to 24 hours, allowing for carving and sculpting.

BENEFITS AND FEATURES

- Lightweight, durable, maximum build product.
- Versatile mix for vertical and overhead horizontal surfaces.
- Stamp, carve or sculpt.

RECOMMENDED APPLICATIONS

SS Vertical Mix may be applied to a variety of structural supports to create boulders, footbridges, weight-bearing diving rocks, etc. Virtually any type of concrete sculpture may be created.

TECHNICAL INFORMATION

Workability	15 - 30 minutes
Carving	up to 12 hours
Cure Time	24 hours
Application Temp	above 50°F below 80°F

Please note that low air and/or concrete temperatures and/or relative humidity may extend drying times. Follow recommended coverage rates for best results.

APPROXIMATE COVERAGE RATES

SS Vertical Mix (as scratch coat)	30 sq. ft.
SS Vertical Mix (as 3/4" texture coat)	12 sq. ft.
SS Vertical Mix (as 1/2" texture coat)	15 sq. ft.
SS Liquid Polymer (as bond coat)	150 sq. ft.
SS Liquid Polymer (5 gallons at 4:1)	12 bags SS Vertical Mix

SURFACE PREPARATION

All contaminants must be removed from the host substrate including acid residue, paint, oil, grease, sealers, wax and dirt, etc.

BOND COAT

Roll on your bond coat of full strength SS Liquid Polymer over the entire surface. Let the bond coat become tacky.

MIXING

Dilute four parts of clean water with one part Liquid Polymer. This becomes the mix solution. If pigmenting the mix, add it to your mix solution. Add the contents of the SS Vertical Mix bag to 1 to 2 gallons of mixed solution. Mix thoroughly with paddle drill or mortar mixer until desired consistency of a wet mortar. Mix for 3 - 5 minutes, but not for more than 10 minutes.

SCRATCH COAT APPLICATION

Using a hawk and trowel, apply a thin coat of SS Vertical Mix to achieve an even scratch coat. Let that coat dry until it has a good set. Overworking the surface may cause loss of bond and make air blisters. Cover with 1 mil plastic after application to prevent surface cracking when applying in temperatures above 80 degrees or in full sun or high winds.

TEXTURE COAT APPLICATION

Using a hawk and trowel, apply a texture coat. The thickness of this coat is determined by the texture and pattern chosen. Apply to approximately 1/2" for flat textures and 3/4" for stone tool impressions. The consistency of this coat is determined by the amount of area to cover, climate conditions and manpower. You don't want your texture coat to set before you are able to stamp it. Use SS Clear Liquid Release to stamp the surface.

CLEAN UP

Use water and a scrub brush. Dispose of containers in accordance with local and federal regulations.

PRODUCT REMOVAL

SS Vertical Mix needs to be mechanically ground to be removed.

SHELF LIFE

SS Vertical has a shelf Life of one year in its original, sealed, unopened bag.

PACKAGING

SS Vertical Mix comes in 40# bags of off white material.

PRECAUTIONS AND LIMITATIONS

- Application of surfaces with loose, deteriorated concrete or with coating that may subsequently loosen are not suitable hosts for vertical products.
- Coverage rates depend upon many conditions including application method, surface porosity, applicator, ambient conditions, etc.
- Metal lath can be used where reinforcement is needed.
- It is recommended to test this product prior to using on entire application.
- Keep away from children.

SPECIAL NOTES

Please consult Safety Data Sheet (SDS) and read Warranty information prior to use. This information can be requested by contacting customer service at 866-906-2006.

WARRANTY

SS Specialties and its affiliates warrant our products to be of good quality, free of defects and will conform to our published specification in force on the date of acceptance of the order. As the exclusive remedy for breach of this warranty, SS Specialties will replace defective materials ninety days after SS Specialties has shipped the product. All our warranty and other duties with respect to the quality of materials delivered shall conclusively be presumed to have been satisfied, all liability therefore terminates, and no action for breach of any said duties may thereafter be commenced. No warranty is expressed or implied as to the length of life of this product or merchantability or fitness. Liability, if any, is limited to the purchase price of the material. Under no circumstances will SS Specialties be liable for any consequential damages in excess of the purchase price of the product.



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