

TECHNICAL BULLETINKemiko® Terra Fresco Micro-Topping System

Description

Kemiko Terra Fresco Micro-topping is a high-performance cementitious topping that can be integrally colored with Terra Fresco Color Paks, acid stained or dyed, and has been formulated to accept Kemiko's full line of decorative and industrial products. Terra Fresco is a versatile product that can be used for both interior and exterior applications. Terra Fresco can transform worn and distressed concrete into a brand new, durable canvas. This unique formula offers a reduction in brittleness, outstanding impact resistance, excellent flexural and tensile strength.

Physical Characteristics

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Mix Ratio	1 bag Terra Fresco Powder to 1 gallon Terra Fresco Liquid (TFL-1100) Up to an additional 24oz TFL -1100 per bag can be added for desired consistency
Colors	White and gray bases that can be mixed with the Terra Fresco integral color system to create a variety of colors including reds, off whites, greens and others. Terra Fresco can be stained and dyed to any color along with the ability to support acrylics, epoxy, urethane, polyaspartic clears and color top coats
Coverage	Will vary depending on surface profile, application techniques, tools, & fluid mix. Regular - White & Gray: 30 lb bag = 180 to 200 ft² Fine - White & Gray: 22 lb bag = 190 ft²
Storage	Dry environment >50°F
Packaging	30 lb bag (white & gray regular) 22 lb bag (white & gray fine) 5 gal TFL-1100 1 gal TFL-1100

Application Methods Mixing —

Use a low or variable speed industrial type drill with a ½ inch drill chuck with a paddle blade, type attachment. The paddle should be able to hit the lower-end portions of the bucket and provide shear, similar to paddles used for grouts and thin sets. The mix should reflect one of pancake batter consistency and should not splash. Due to the mixing paddle, a clean metal bucket is recommended to prevent any shavings falling into the mix from a plastic bucket.

Mix ratio is 1 gallon of Kemiko's Terra Fresco Liquid (TFL-1100) to 1 bag of Kemiko's Terra Fresco Powder. While in the bucket, always add the powder portion to the liquid portion. Depending on the desired consistency, a maximum additional (24 oz.) of TFL-1100 per bag of fine or regular can be added. When using a Terra Fresco Color Pak, drop it into the bucket containing pre measured amount of TFL-1100 and mix for 1 minute prior to adding Terra Fresco powder. Then add ½ a bag of Terra Fresco powder and mix for 30 seconds, continue adding the remaining powder and mix for 2 minutes. Make sure all powder is scraped from sides while mixing.

Tools —

A variety of finishing tools can be used to apply Kemiko's Terra Fresco, including wide bladed or flexible rubber floor squeegees, concrete finishing steel trowels (either square or rounded), Magic Trowel®, professional spray units, and different texturing tools such as custom rollers and horsehair brooms. Apply to a 1/16" thickness.



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Limitations —

Terra Fresco is formulated for use over structurally sound and properly prepared concrete surfaces. Large cracks and gouges should be addressed accordingly. All newly poured surfaces including gypsum-based products, lightweight and standard concrete mixes should cure for a minimum of 30 days prior to application.

CAUTION – AVOID CONTACT WITH EYES & SKIN

If contact with skin occurs, wash affected area immediately with soap and warm water. If eye contact occurs, flush with plenty of warm water and call a physician. Wear proper personal protective equipment when using this product. Use in a well ventilated area.

KEEP OUT OF REACH OF CHILDREN.

Contact EPMAR for any additional application information.

Warranty

The following warranty is made in lieu of all other warranties, either expressed or implied. This product is manufactured of selected raw materials by skilled technicians. Neither seller nor manufacturer has any knowledge or control concerning the purchaser's use of this product and no warranty is made as to the results of any use. The only obligation of either seller or manufacturer shall be to replace any quantity of this product, which is proved to be defective. Any claim of defective product must be received in writing within one (1) year from date of shipment. Neither seller nor manufacturer assumes any liability for injury, loss, or damage resulting from use of this product.

