



DECORATIVE CONCRETE

Multicoat Microcement

INTERIOR AND EXTERIOR MICROCEMENT COATING

Description: *Multicoat Microcement* is a highly polymerized two component system that is designed to be applied in multiple layers to create a variety of unique finishes. *Multicoat Microcement* is available in regular, fine and extra fine grades. This product works equally well for interior or exterior applications.

Recommended Use: *Multicoat Microcement* is highly durable concrete. It has excellent wear resistance ideal for commercial application. A wide variety of decorative effects can be achieved through the creative use of a steel trowel or magic trowel. This product can also be sprayed or applied with a sponge and paint roller. The final results are limited only by the applicator's imagination. Ideal for renewing older weathered slabs with either a broom or trowel finish. *Multicoat Microcement* will readily accept *Trucolor*, acid stains and dyes.

Advantages: Highly abrasion resistant.
Very thin application.
Easy application.
Superior bond strength.
Accepts all forms of colorant.

Surface Preparation: All surfaces must be structurally sound, solid and completely clean, including the removal of form release, existing sealers, paints, weak or loose patching compounds, dust, dirt, oil or any other contaminant which may act as a bond breaker. Preferably employ mechanical preparation such as grinding or shot blasting to ensure a sound substrate. Prime all surfaces with *Primeactive*. Do not dilute *Primeactive*. Two coats of *Primeactive* are required; the first coat can be applied the day before. *Primeactive* is best applied with an applicator pad giving even puddle free coverage. Once the milky appearance disappears *Multicoat Microcement* can be applied. Apply one coat of *Primeactive* between each layer of *Multicoat Microcement*.

Mixing Instructions: Using a pre-marked measuring bucket place appropriate amount of *Primeactive* into a 20-liter mixing pail (see chart). If you are adding *Trucolor* to your mix add the desired amount now and briefly mix. Once the *Trucolor* is fully dispersed, slowly add the *Multicoat Microcement* while mixing. Once the entire bag of *Multicoat Microcement* has been added, continue to mix for 60 seconds. Ensure all ingredients are well mixed. Multicoat Microcement can be re-tempered by adding additional *Primeactive*. Be aware that the addition of any liquid polymer to cement based products will always give a slight change in color.

Mixing Ratio

Product	Primeactive
Multicoat Reg. 18.16Kg	6.0-6.2 liters
Multicoat Fine 9.08Kg	4.2-5.3 liters
Multicoat X-Fine 9.08Kg	4.5-4.7 liters

Application Procedure: *Multicoat Microcement*, as the name suggests, is applied in multiple thin coats. Your first coat can be applied very thinly as you are only creating a starter coat for your subsequent applications. Depending on

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desired effect, plan on 3-4 coats of material. Your first 2 coats may be done with *Multicoat Microcement Regular* while your last coats can be done with *Fine* or *Extra Fine*. The product is applied with a steel trowel or a magic trowel. For best results never work with more than 2-3 kilos of product on the floor at one time. Be sure to keep a wet edge to help blend product from one area to the next. Maintain a random trowelling action to avoid repeat patterns. To achieve the layered effect your second coat should have variations in texture while your third and fourth coats will be applied thinner to allow previous coats to show through. Allow each coat to fully dry before adding the next coat; this will typically take 2 hours. Apply a thin coat of *Primeactive* between each layer of *Multicoat Microcement*.

Coverage:

Multicoat Reg. 400 sq/ft

Multicoat Fine 350 sq/ft

Multicoat Extra Fine 350 sq/ft

Coverage based on 1 unit at less than 1/16"

Limitations: Do not apply during or when freezing is expected within 12 hours of application. Protect from moisture prior to applying sealer.

Bucket Life: Approximately 30 minutes, depending on temperature and humidity. If product begins to set in the bucket, re-mix using a mixing paddle and drill to re-temper. Additional *Primeactive* may need to be added to attain desired consistency. Additional *Primeactive* will alter the color slightly.

Shelf Life: One year in original unopened bag in dry storage.

Curing Time: This will depend on ambient temperature and weather conditions. *Multicoat* is ready for light foot traffic after 12-24 hours. Heavy traffic should only occur after the project has been fully sealed.

Sealer Options: This product should only be sealed with water-based sealers. For best results apply 3-5 coats of *Clarity Clear* followed by 1-2 coats of *Mirage Floor Finish*. Sealers can be applied 12 hours after your last layer of *Multicoat*. Solvent sealers should not be used on this product.

Color: Light gray and White

Packaging: Regular 18.16kg/40lbs, Fine 9.08kg/20lbs, X-Fine 9.08kg/20lbs.

Caution: Contains cement, a polymer and other additives, which may cause skin irritation. In case of skin or eye contact, wash thoroughly with water. Please consult the MSDS for detailed safety and handling instructions. In case of eye contact consult with nearest physician. **KEEP OUT OF REACH OF CHILDREN.**

Warranty: Starpatch Concrete Products warrants that if its products prove to have manufacturing defects and Starpatch is notified of such within 6 months from date of Starpatch shipping, Starpatch will replace the defective products F.O.B. factory. Such product replacement shall constitute the sole and exclusive remedy for any claim under this warranty. This warranty is in lieu of all other warranties, expressed, implied or statutory and is strictly limited to its terms. Starpatch makes no warranty of merchantability or suitability of its products for any particular purpose. Starpatch sells its products upon the condition that the customers shall conduct their own tests to determine the suitability of the products for the customers intended purposes. Under no circumstances will Starpatch be liable for economic, special, incidental or consequential damages or losses of any kind whatsoever arising out of or occasioned by the selection, use, installation or replacement of this product.

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