

# MICRO BOND FINISH

Better Than Microcement

**SEMCO**  
modern seamless surface  
SURFACE ENGINEERING COMPANY

## PRODUCT DESCRIPTION

SEMCO MICRO BOND is an ultra fine microcement. When mixed with SEMCO X-Bond Liquid it forms a layer as thin as 15 mil to smooth coarse surfaces, fill superficial fractures, or create a unique decorative finish.

## FEATURES / BENEFITS

- Interior and exterior application
- UV and freeze-thaw damage resistant
- Easy and fast application
- Can be applied on floors and walls
- Ultra-thin smooth decorative finish

## SUBSTRATES

- Smooth concrete
- Plaster
- Existing coatings (solvent or water based )



## SPECIFICATIONS

Drying Time	15 - 20 min @ 15mil thickness and 72 F 50% RH
Cure time	2 hrs @ 15mil thickness and 72 F 50% RH
Color	White liquid and white powder
Chemical type	Advanceds crystalline quartz / cross-linking binder
Clean up	Water
Shelf life	1 year in unopened containers
Packaging (X-Bond Liquid and Micro Bond)	1 gal. pail, 5 gal. pail / 18 lbs pail, 40 lbs pail



**COVERAGE** sq. ft. per 2 gallon of X-Bond Liquid and 1 50 lbs pail of Micro Bond @ 15mil per coat

Concrete	800 - 1200
Plaster	1000 - 1500
Existing coatings	1000 - 1500

## APPLICATION

### PREPARATION



1. Sand surface with a 60 grit sandpaper to ensure the surface is smooth. Any high spots need to be sanded down smooth in order to create a smooth surface
2. After sanding, ensure the surface is free of any debris

**FLOORS | WALLS | POOL DECKS | WATERPROOFING**  
REDEFINING THE ART OF SURFACE CREATIVITY FOR OVER 25 YEARS USING GREEN MATERIALS

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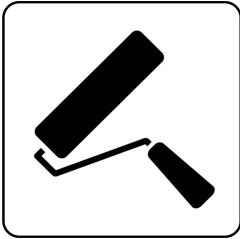
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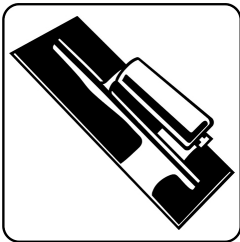
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## MICRO BOND APPLICATION

### PRODUCTS USED



1. Mix X-Bond Color Activator with X-Bond Liquid
2. Mix Micro Bond Mixture : 1 part X-Bond Color : 2 parts of Micro Bond in this order. Use square mixing paddle at low speed (180-200 rpm)
3. Use short nap roller to apply X-Bond Liquid as primer. Do not allow to dry.  
Tipp : only apply primer section by section



1. Once primer feels tacky, it is time to apply Micro Bond mixture
2. Use hand trowel to apply thin even coats (15 mil per coat)
3. Two coats are required. Do not allow first coat to fully dry. Create effects by trowling in different directions. For floors/foot traffic surfaces, do not exceed 45 mil total thickness
4. Let Micro Bond cure completely prior to applying protective sealer

## PROTECTIVE SEALERS



### NATURAL SHIELD

SEMCO's Natural Shield is a penetrating water based sealer that creates a water repelling surface while leaving the surface looking natural.



### SATIN STONE

Satin Stone is a zero maintenance and low VOC commercial and industrial grade sealer with a satin sheen. Suitable for exterior and interior use.



### TITAN SHIELD GLOSS

Protect your surface with confidence with Titan Shield Gloss. Designed for high foot traffic areas and industrial vehicle traffic. Fast drying formula allows 3 coat system to be applied in a single day.

Scan for more information



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