



TC-0 Micro Cement

Description

TC-0 Micro Cement is a specially formulated portland cement, blended with a variety of silica sand and proprietary additives.

Uses

TC-0 is primarily used in conjunction with WP-81 and WP-82 Cement Modifiers and used in several Westcoat Systems when a very smooth surface is required. It is designed to be used in interior applications for an ultra smooth surface.

Advantages

High Strength ▪ Good Working Time ▪ Can be Feathered ▪ Excellent Adhesion to Most Surfaces ▪ Increases Water Resistance ▪ Safe, Water-Based (No Solvents) ▪ Can be Sanded ▪ Use for a Smooth Floor ▪ Reduced "Burn Marks"

Product Data			
Packaging	45 lb Bag, 56 Bags per Pallet	Color	Light Gray
Coverages	~1000 ft ² to 2000 ft ² per Bag (Varies Depending on use)	Mix Ratio	1 gallon of WP-81 or WP-82 and up to ¾ gallons of water (Varies Depending on use)
Shelf Life	1 Year in unopened packaging	VOC Content	Zero VOC

Inspection

Concrete must be clean, dry and free of grease, paint, oil, dust, curing agents, laitance or any foreign material that will prevent proper adhesion. The concrete must have ¼ inch slope per linear foot with at least 2,500 PSI, porous and able to absorb water. A minimum of 28 days curing time is required on all concrete. Prior to starting work, test existing concrete slab for efflorescence, moisture and hydrostatic pressure. See specific System Specification Sheet for additional information on Inspection.

Moisture

All concrete should be tested for moisture before applying a seamless coating. If moisture emissions exceed 5 lbs/1000 square feet (ASTM F1869) or if the relative humidity (RH) exceeds 75% (ASTM F2170), contact the manufacturer before application. See specific System Specification Sheet for additional information on moisture.

Preparation

Remove all coatings to a sound concrete base. When applying directly over concrete, the concrete should be prepared to a profile equal to CSP 3 as specified by ICRI. See specific System Specification Sheet for additional information on Preparation. Surface and environmental temperature should be between 50F degrees and 85F degrees.

DISCLAIMER: PURCHASER'S SOLE AND EXCLUSIVE REMEDY AGAINST THE MANUFACTURER OF WESTCOAT, SHALL BE LIMITED SOLELY TO THE REPLACEMENT OF ANY DEFECTIVE MATERIAL OR A PAYMENT BY THE MANUFACTURER IN AN AMOUNT EQUAL TO THE COST OF THE ORIGINAL MATERIAL.





TC

TEXTURE COAT
DECORATIVE TEXTURED SURFACES

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Primer

Mix 2 parts A with 1 part B (by volume) of EC-11 Water-Based Epoxy for 3-5 minutes. Apply at a rate of 250-500 square feet per gallon by spraying or rolling to ensure even coverage. TC-0 may be applied as soon as the EC-11 is tacky and not wet (approximately 1 to 4 hours at 70F degrees), but no later than 6 hours. If you are unable to coat over the primer within 6 hours, broadcast #30 or #60 silica sand into the wet primer (See complete EC-11 Product Specification Sheet).

Mixing

Add one gallon of WP-81 or WP-82 and up to $\frac{3}{4}$ gallons of water. Using a mechanical mixer, mix thoroughly. See specific System Specification Sheet for mixing instructions.

Coverage

One 45 pound bag will cover 1000 square feet to 2000 square feet. Coverage will vary depending on use. See specific System Specification Sheet for detailed coverage information.

Applying Product

TC-0 may be troweled, squeegeed or broomed. For best results, trowel multiple thin layers to achieve a super smooth surface. See specific System Specification Sheet for detailed application information.

Dry Time

1 to 4 hours depending on use and climate.

Clean Up

Uncured material can be removed with soap and warm water. If cured, material can only be removed mechanically or with an environmentally-safe solvent.

Limitations

- This system is designed for professional use only.
- Read System Specification Sheets before beginning the project.
- Do not apply at temperatures below 50°F or above 90°F.
- Best applied over TC-2, TC-4 or TC-5.
- Surface will be smooth and likely slippery. Avoid using outside.
- Rain will wash away uncured Westcoat acrylic products.
- If inclement weather threatens, cover area to protect new application.
- Store material between 40°F-90°F.
- Do not allow Westcoat product to FREEZE.
- Use dustless equipment when possible.

Health Precautions

Inhalation of vapor or mist can cause headache, nausea, irritation of nose, throat and lungs. Prolonged or repeated skin contact can cause slight skin irritation. Contains portland cement. Use the proper personal protective equipment. Avoid eye contact and prolonged contact with skin. Wash thoroughly after handling. If eye contact occurs, flush with water for 15 minutes. Call a physician immediately.

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Slip Precaution

Westcoat Specialty Coatings Systems highly recommends the use of a slip-resistant additive to all coatings/systems that may be exposed to wet, oily, greasy or slippery conditions. It is the end user's responsibility to provide a flooring system that meets current safety standards. Westcoat and its distributors will not be responsible for injury incurred during a slip and fall incident. For the current coefficient of friction requirements, please consult your local building codes.

Technical Data

Color	Light Gray
Polymer Needed	Yes (WP-81 or WP-82)
Indoor/Outdoor Use	Indoor
Shelf Life	1 Year
Compressive Strength (ASTM C-109) 7 days	4380 psi
Compressive Strength (ASTM C-109) 28 days	>5000 psi
Tensile Strength (ASTM C-190) 7 days	660 psi
Tensile Strength (ASTM C-190) 28 days	710 psi
Flexural Strength (ASTM C-348) 7 days	97 psi
Flexural Strength (ASTM C-348) 28 days	101 psi
Pull off Adhesion (ASTM D 4541, ASTM D 7234)	>300 psi
Indentation Characteristics (Mil D-3135)	<2.5%
Thickness	Feathered to ~1/32"
Water Absorption (FTMS 5019, Method 7511)	<2%
Freeze/Thaw Resistance, % (ASTM C-666) 28 days	98%

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