

# MICRO-COAT™

by Seal Pro

## Suggested Guideline Specification

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### 1.0 GENERAL

#### 1.01 Description

##### Applications:

- 1) Interior and exterior renovation projects requiring resurfacing of existing vehicular and pedestrian concrete surfaces with a color, texture and/or pattern.
- 2) New construction vehicular and pedestrian concrete surfaces where elaborate design and color choices require costly multiple forming and pouring phases.
- 3) New or existing exterior masonry and stucco surfaces where a durable, colored cementitious waterproofing membrane is desired in lieu of paint.
- 4) New or existing concrete roof tile surfaces where a durable, colored cementitious waterproofing membrane is desired in lieu of paint.

a. Materials: Micro-Coat Liquid and Micro-Coat Powder

b. Seal Pro WaterProofing Sealer

#### 1.02 References and Standards

The installer is normally a concrete or painting contractor, and the Micro-Coat product and process is called out in a separate section from the balance of regular concrete work or painting, depending on the project and specific application. The installer for the work shall be trained, and equipped by Seal Pro, Inc.

#### 1.03 Definitions

Micro-Coat by Seal Pro is a system that employs the use of a cementitious coating used to resurface vertical and horizontal surfaces on both indoor and outdoor applications. Micro-Coat is approximately 5 - 10 mils to 1/2" in thickness (depending on the application) and utilizes a full spectrum of color choices that can incorporate simple or elaborate graphic design, patterns and textures. The work is performed on the job site by trained technicians.

#### 1.04 Scope

The work designated in this section shall be specified as "Micro-Coat". The work shall include labor, material, equipment and transportation required to install the Micro-Coat. The contractor for this work shall be trained and trained by Seal Pro, Inc. to use the materials and processes specified as "Micro-Coat". The contractor shall be required to provide a foreman or supervisor who has done at least three Micro-Coat projects.

#### 1.05 Quality Assurance

- a. All work shall be installed by a licensed contractor who shall provide a foreman or supervisor who has experience with and knowledge of special processes used to install Micro-Coat. Evidence that the contractor is qualified to complete the project as specified herein shall be submitted to, and subject to approval of the Owner, Architect or Designer.
- b. The licensed contractor shall provide a sample to be approved by the Owner or Architect prior to start of construction. Said sample shall be the standard for the balance of the work installed, and shall be protected against damage until final approval from the Owner or Architect. The cost for the construction and protection of the sample shall be borne by the Owner/Agent and shall be part of the contractor's bid.

### 2.0 EXECUTION

#### 2.01 Installation Procedures

- a. (Optional) For new construction, concrete shall be installed in accordance with the standards and specifications of the American Concrete Institute.
- b. The substrate shall be clean of loose dirt and debris. Any surface irregularities, such as concrete spillage or other built up foreign materials, shall be removed by sanding, grinding, scraping or pressure cleaning so that approximately 5 mils to 1/2" of Micro-Coat can be applied.
- c. Surface shall be dry and free of grease, oil stains, mold/mildew, loose paint or unstable foreign material.
- d. Repair and fill all "working" cracks with a semi-rigid elastomeric caulk in accordance with manufacturers specifications. All construction joints and expansion joints must be honored and shall not be filled or eliminated using the Micro-Coat product.
- e. Micro-Coat may then be applied using brush, roller, spray equipment or trowels to achieve desired color, texture, pattern and effect.
- f. After the initial cure (10 - 12 hours) the Micro-Coat shall be sealed using Seal Pro WaterProofing Sealer. On exterior horizontal walking surfaces, a non-skid additive may be applied to the sealer for additional slip resistance. All Micro-Coat installations shall be periodically cleaned and sealed by a qualified maintenance contractor in order to maintain a top-quality appearance.