**SECTION 09 61 16 – FLOOR SEALERS**

GENERAL

ADMINISTRATIVE REQUIREMENTS

Pre-Installation Conference:

Attendance: [Architect,] [Owner,] [Contractor,] [Construction Manager,] [Design/Builder,] installer, and related trades.

Review: Project conditions, manufacturer requirements, delivery and storage, staging and sequencing, and protection of completed work.

SUBMITTALS

Action Submittals:

Product Data: Manufacturer’s descriptive data and product attributes for sealers.

Closeout Submittals:

Maintenance Data.

QUALITY ASSURANCE

Applicator Qualifications: Firm specializing in work of this Section, with minimum [2] [\_\_] years’ experience.

Mockup: [10 x 10] [\_\_ x \_\_] feet. Approved mockup [may] [may not] remain as part of the Work.

Regulatory Requirements:

Flooring Coefficient of Friction: Minimum [0.43,] [\_\_,] tested to ANSI A326.3 after finishing.

PRODUCTS

MANUFACTURERS

Contract Documents are based on products by Epmar Corporation, [www.epmar.com](http://www.epmar.com).

Substitutions: [Refer to Division 01.] [Not permitted.]

MATERIALS

Floor Sealer:

Source: Kemiko Color Enhancing Acrylic Concrete Sealer.

Description: Solvent based, single component, penetrating sealer.

Hardness: 3H, tested to ASTM D3363.

Adhesion: 5B, tested to ASTM D3359.

Finish: Gloss.

\*\*\*\* OR \*\*\*\*

Floor Sealer:

Source: Kemiko Clear-A-Thane Sealer.

Description: Water based, single component, penetrating sealer.

Hardness: B, tested to ASTM D3363.

Adhesion: 5B, zero precent removed by tape test method, tested to ASTM D3359.

Abrasion resistance: 30 mg loss, CS17 wheel, 1 kg, 1000 cycles, tested to ASTM D4060.

Finish: [Gloss.] [Satin.]

\*\*\*\* OR \*\*\*\*

Floor Sealer:

Source: Kemiko Repels Sealer.

Description: Water based, single component silane/siloxane emulsion sealer.

Finish: Natural sheen.

\*\*\*\* OR \*\*\*\*

Floor Sealer:

Source: Kemiko Stone Tone Sealer II.

Description: Water based, single component acrylic sealer.

Hardness: F, tested to ASTM D3363.

Adhesion: 3B, tested to ASTM D3359.

Abrasion resistance: 24.1 mg loss, CS17 wheel, 1000 g, 1000 cycles, tested to ASTMD4060.

Finish: Gloss.

\*\*\*\* OR \*\*\*\*

Floor Sealer:

Source: Kemiko Water Base Polyurethane Topcoat - Clear.

Description: Water based, two component polyurethane sealer.

Adhesion: 350 PSI to concrete failure when applied over SS3700 and SS1202, tested to ASTM D4541.

Hardness: 3H, tested to ASTM D3363.

Finish: [Gloss.] [Flat.]

\*\*\*\* OR \*\*\*\*

Floor Sealer:

Source: Kemiko 0007 Clear.

Description: Ultraviolet-curable sealer.

Hardness: Greater than 4H, tested to ASTM D3363.

Adhesion: Minimum 580 PSI, tested to ASTM D3359.

Abrasion resistance: Maximum 75 mg loss, CS17 wheel, 1000 g, 1000 cycles, tested to ISO 5470-1.

Finish: Gloss.

Mixes: In accordance with manufacturer’s instructions.

EXECUTION

PREPARATION

Clean and prepare surfaces in accordance with manufacturer's instructions.

APPLICATION

Apply in accordance with manufacturer's instructions.

FIELD QUALITY CONTROL

Measure slip resistance using BOT-3000 slip-tester; ensure compliance with specified slip resistance rating.

END OF SECTION