SECTION 09 67 23 - RESINOUS FLOORING

Resinwerks Quartz System

EPX-Q Seamless Epoxy Quartz Flooring System

 GENERAL

 SUBMITTALS

 Action Submittals:

 Shop Drawings: Illustrate products, installation, and relationship to adjacent construction.

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

 Samples: [Selection samples.] [Verification samples.]

 Informational Submittals:

 Certificate of Compliance: Certification that installed products meet specified fire hazard requirements.

 Closeout Submittals:

 Maintenance Data.

 QUALITY ASSURANCE

 Installer Qualifications:

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

 Approved by flooring manufacturer.

 Regulatory Requirements:

 Dynamic coefficient of friction: Minimum [0.43,] [0.60] tested to ANSI A326.3.

 Fire hazard classification: Self-extinguishing, tested to ASTM D635 with maximum [0.25] [\_\_] inch extent of burning.

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

 WARRANTIES

 Manufacturer’s standard warranty against flooring delamination from substrate and degradation of flooring.

 Installer’s 1-year warranty against flooring failure from defect installation and workmanship.

 PRODUCTS

 MANUFACTURERS

 Contract Documents are based on Resinwerks, Inc. [www.resinwerks.com](http://www.resinwerks.com/).

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

 MATERIALS

 Quartz Resinous Flooring:

 Primer: [Vapor Barrier Epoxy] [BioCure 1100 EP] [Rapid H2O EP] [WBE 500] two-component, [epoxy] in pigmented color.

* + - 1. Broadcast Coat: [LevelGuard Clear EP], two-component, [epoxy] in clear, broadcasted with blended quartz in [\_\_\_\_\_\_\_\_\_] color to 100-percent refusal.
			2. 2nd Broadcast Coat: [LevelGuard Clear EP], two-component, [epoxy] in clear, broadcasted with blended quartz in [\_\_\_\_\_\_\_\_\_] color to 100-percent refusal.
			3. Grout Coat: [LevelGuard Clear EP], two-component, [epoxy] in clear, broadcasted with blended quartz in [\_\_\_\_\_\_\_\_\_] color to 100-percent refusal.
			4. Topcoat: HDC 100 3-component, [urethane] in semi-gloss or satin finish, clear color.

 ACCESSORIES

 [Divider Strips: White alloy of zinc or brass; type recommended by resinous flooring manufacturer.]

 Substrate Repair: Manufacturer’s recommended materials.

 [Elastomeric Membrane: LevelGuard EM, two-component elastomeric epoxy.]

 Primers:

 Manufacturer’s moisture resistant, 100% solids, epoxy-based coating, tolerant to 99% RH exposure per ASTM F2170 and 24 lbs. emissions per ASTM F1869.

 Manufacturer’s recommended standard primer.

 EXECUTION

 PREPARATION

 Clean surfaces of contaminates and mechanically profile substrate in accordance with manufacturer’s instructions.

 Test substrate for moisture emission to ASTM F1869 and relative humidity to ASTM F2170.

* + - 1. Install moisture tolerant primer in areas exceeding 5.0 pounds of emission and 76% relative humidity.

 INSTALLATION

 Install cove strip at floor to wall junction.

 Apply flooring in accordance with manufacturer's instructions to minimum thickness specified.

 [Cove flooring at vertical surfaces to a height of [4] [6] [\_\_] inches.]

END OF SECTION