SECTION 09932
HARDWOOD ATHLETIC FLOOR FINISHING AND MAINTENANCE
(Bona Facility Solutions SuperCourt)

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PART 1 GENERAL

1.1 SECTION INCLUDES

A. Resilient floor renovation.
   1. Floor repair.

1.2 RELATED SECTIONS

A. Section 09640 - Wood Flooring.

1.3 SUBMITTALS

A. Submit under provisions of Section 01300.

B. Product Data: Manufacturer's data sheets on each product to be used, including:
   1. Preparation instructions and recommendations.
   2. Storage and handling requirements and recommendations.
   3. Installation methods.

C. Selection Samples: For each finish product specified, two complete sets of color chips representing manufacturer's full range of available colors and patterns.

D. Verification Samples: For each finish product specified, two samples, minimum size 6 inches (150 mm) square representing actual product, color, and patterns.

1.4 QUALITY ASSURANCE

A. Installer Qualifications: Trained in application of the manufacturer's floor products.

B. Mock-Up: Provide a mock-up for evaluation of surface preparation techniques and application workmanship.
   1. Finish areas designated by Architect.
   2. Do not proceed with remaining work until workmanship, color, and sheen are approved by Architect.
   3. Refinish mock-up area as required to produce acceptable work.

1.5 DELIVERY, STORAGE, AND HANDLING

A. Store products in manufacturer's unopened packaging until ready for installation.

B. Store and dispose of solvent-based materials, and materials used with solvent-based materials, in accordance with requirements of local authorities having jurisdiction.

1.6 PROJECT CONDITIONS

A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's absolute limits.

PART 2 PRODUCTS

2.1 MANUFACTURERS

A. Acceptable Manufacturer: Bona US, which is located at: 24 Inverness Place E. Suite 100; Englewood, CO 80112; Toll Free Tel: 800-872-5515; Tel: 303-371-1411; Fax: 303-307-5029; Email:request info (Frank.Coppolino@bona.com); Web:https://www.bona.com

B. Requests for substitutions will be considered in accordance with provisions of Section 01600.

2.2 RESILIENT FLOOR RENOVATION

A. Resilient Floor Repair:
   1. Product: Bona Commercial System Resilient Floor Repair. A two-component polyurethane filler and adhesive, for repairing cracks and small voids during resilient renovation process in VCT, LVT and other resilient flooring material.
      a. Shelf Life: 18 months.
      b. Sag Resistance: Excellent.
      c. Curing Speed and Bond Strength: Excellent.
      d. Chemical Resistance: Excellent.
      e. Easy to sand.
   2. Technical Data:
      a. Ingredients: Polyol mixture combined with isocyanate prepolymer.
      b. Color: Light Grey.
      c. Density: 10.83 lbs/gal (1.3 kg/L) - Part A; 10.38 lbs/gal (1.3 kg/L) - Part B.
      d. US Regulatory VOC: 0 g/L.
      e. Odor: Characteristic.
      f. Stability: 18 months from date of production in unopened container.
      g. Packaging: 12 x 8.45 oz. (250 ml).
   3. Application Characteristics:
      a. Application Tools: Standard 10 oz (0.28 kg) Caulking gun.
      b. Dry Time: 30 minutes.
      c. Open Time: 3 minutes.

PART 3 EXECUTION

3.1 MANUFACTURER'S INSTRUCTIONS

A. Comply with the instructions and recommendations of the floor finish system manufacturer.

B. For new installation of floors, use only in structures with humidity and temperature controls. Do not use over channel and clip floor systems in environments not controlled for temperature and humidity.

3.2 EXAMINATION

A. Do not begin installation until substrates have been properly prepared.

B. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

3.3 PREPARATION

A. Protection: Protect adjacent finish surface to prevent damage during sanding and sport floor system application.

3.4 APPLICATION

A. Specific application methods vary with product. Consult manufacturer and comply fully with manufacturer's application recommendations.
   1. Before using these products, read and understand all directions and the Material Safety Data Sheets (MSDS).
   2. Shake well before using.
   3. Do not thin products.
   4. Keep from freezing.

B. Finish System: As scheduled or indicated on the drawings.
   1. 4-coat system, 1 to 2 coats of a sport sealer, court lines paint (where scheduled or indicated) and 2 to 3 coats of a sport court finish.

C. Floor Repair:
   1. Before using these products, read and understand all directions and the Material Safety Data Sheets (MSDS).
   2. Use with a standard 10 oz. caulking applicator gun, and attach the supplied mixer tips.
   3. Material will begin to set up in 3-5 minutes and ready to sand in 30 minutes.
   4. Keep from freezing.

3.5 PROTECTION

A. After application, protect floor finish from damage during subsequent work.

B. Do not allow foot traffic until floor is sufficiently dried and cured.

END OF SECTION