

SECTION 09645  
INDOOR RESILIENT ATHLETIC SURFACING

PART 1 - GENERAL

1.1 SECTION INCLUDES

- A. Supply and installation of the indoor resilient multipurpose surfacing
- B. Application of the game lines
- C. References for the construction and preparation of concrete slabs to receive resilient flooring.

1.2 SUBMITTALS

- A. Product Data:  
Manufacturer's promotional brochures, specifications and installation instructions
- B. Samples:
  - 1. Submit for selection and approval three (3) sets of the indoor resilient multipurpose surfacing, manufacturer's brochures, samples or sample boards of all of the available colors, textures and styles.
  - 2. Submit color samples of all the available game line paint colors for selection and approval.
- C. Closeout Submittals:
  - 1. Submit three (3) copies of the indoor resilient multipurpose surfacing and manufacturer's maintenance instructions.
  - 2. Submit three (3) copies of the material and installation warranties as specified.

1.3 QUALITY ASSURANCE

- A. Qualifications:
  - 1. The indoor resilient multipurpose surfacing shall have been actively marketed for a minimum of ten (10) years.
  - 2. The indoor resilient multipurpose surfacing shall be manufactured in an ISO 9001 certified plant.
  - 4. The indoor resilient multipurpose surfacing supplier shall be an established firm, experienced in the field, and appointed as a distributor by the manufacturer of the indoor resilient multipurpose surfacing.
  - 5. The installer of the indoor resilient multipurpose surfacing shall have a minimum of five (5) years of experience in the field installing indoor resilient multipurpose surfacing and have worked on at least five (5) projects of similar size, type and complexity.
- B. Certifications:
  - 1. Installer to submit the indoor resilient athletic surfacing manufacturer's certification attesting that they are an approved installer of the indoor resilient multipurpose surfacing.
  - 2. The indoor resilient multipurpose surfacing manufacturer to submit official ISO 9001 certification for the facility in which the indoor resilient multipurpose surfacing is manufactured.
- C. Certifications:
  - 3. Installer to submit the indoor resilient athletic surfacing manufacturer's or distributor's certification attesting that they are an approved installer of the indoor resilient multipurpose surfacing.

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1.4 DELIVERY, STORAGE AND HANDLING

A. Delivery:

Material shall not be delivered until all related work is in place and finished and/or proper storage facilities and conditions can be provided and guaranteed stable according to RFS SPORTS recommendations.

B. Storage:

Store the material in a secure, clean and dry location. Maintain temperature between 55° and 85° Fahrenheit.

1.5 PROJECT/SITE CONDITIONS

A. The area in which the indoor resilient multipurpose surfacing will be installed shall be dry and weather tight. Permanent heat, light and ventilation shall be installed and operable.

B. All other trades shall have completed their work prior to the installation of the resilient athletic flooring. The general contractor or Construction Manager shall maintain a secure and clean working environment before, during and after the installation. Suspension of other trades' work may be authorized providing their work will not damage the new flooring.

C. Maintain a stable room temperature of at least 65°F for a minimum of one (1) week prior to, during, and thereafter installation.

D. Concrete subfloor should be no greater than 1/8" within a 10 ft diameter.

1.6 WARRANTY

A. Materials:

The indoor resilient athletic surfacing shall be covered by the manufacturer against product defects for 25 years. The manufacturer of the indoor resilient multipurpose surfacing must provide this warranty upon request.

1.7 ADDITIONAL MATERIALS

Furnish to the owner additional materials containing a total of at least 1% of each different color or design of the indoor resilient athletic surfacing used on the project.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

The basis of the design for the indoor resilient multipurpose surfacing is POLYSPORT RESURFACE as provided by RFS SPORTS or equal. RFS SPORTS 281-334-6800 [info@teamrfs.com](mailto:info@teamrfs.com). Product shall be manufactured by an ISO 9001 company.

2.2 MATERIALS.

A.) Flooring System:

POLYSPORT RESURFACE 2mm over pour system.

A durable protective color coat shall be applied to a thickness of approximately 7 mils. The finished product shall be a seamless surface heterogeneous resilient multipurpose synthetic flooring system. System shall comply with the following criteria. Colors to be selected from manufacturer's standard range. Colors selected from standard range.

B. Game Line Paint:

As approved by the indoor resilient athletic surfacing manufacturer. Colors are to be selected from the manufacturer's standard range.

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PART 3 - EXECUTION

3.1 EXAMINATION

- A. Verify that the area in which the indoor resilient athletic surfacing will be installed is dry and weather tight. Verify that permanent heat, light and ventilation is installed and operable.
- B. Verify that all other work that could cause damage, dirt and dust or interrupt the normal pace of the indoor resilient athletic flooring installation is completed or suspended.
- C. Verify that there is a stable room temperature of at least 65°F.
- D. Verify that there are no foreign materials or objects on the subfloor and that the subfloor is clean and ready for installation.
- E. Ambient relative humidity should range between 40%-65%.

3.2 PREPARATION OF SURFACES

- A. Sand the entire surface of the existing urethane and vacuum clean.
- B. Surface must be dust free and free of contaminants that may impair proper bonding.

3.3 INSTALLATION

- A. The installation area shall be closed to all traffic and activity for a period to be set by the indoor resilient athletic surfacing installer. The indoor resilient athletic surfacing installation shall not begin until the installer is familiar with the existing conditions.
- B. All necessary precautions should be taken to minimize noise, smell, dust, the use of hazardous materials, and any other items that may inconvenience others.
- C. Install the indoor resilient athletic surfacing in strict accordance with the indoor resilient athletic surfacing manufacturer's written instructions.
- D. Paint game lines using approved game line paint primer and game line paint in strict accordance with the game line paint manufacturer's instructions.
- E. Install appropriate threshold plates or transition strips where necessary.
- F. Allow the new installation to cure for a minimum of 14 days prior to placement and operation of bleachers and/or other portable athletic equipment.

3.4 CLEANING

- A. Remove all unused materials, tools, and equipment and dispose of any debris properly. Clean the indoor resilient athletic surfacing in accordance with the manufacturer's instructions.

3.5 PROTECTION

If required, protect the indoor resilient athletic surfacing from damage using coverings approved by the manufacturer until acceptance of work by the customer or their authorized representative.

3.6 RELATED STANDARDS AND GUIDELINES

- A. ASTM F710 "Standard Practice for Preparing Concrete Floors to Receive Resilient Flooring"

END OF SECTION