

No Fault Sport Floor

Product Specification

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By No Fault Sport Group, LLC

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SHEET ROLL AND ZIG ZAG TILES ATHLETIC FLOORING

PART 1 GENERAL

1.01 WORK INCLUDED

This work includes furnishing and installing the No Fault Sport Floor (sheet rolls). The surfacing manufacturer/installer shall be responsible for all labor, materials, tools, and equipment to perform all work and services for the installation of the surface per the dimensions and notes shown in plans.

1.02 DESCRIPTION OF SYSTEM & GENERAL CONDITIONS

No Fault Sport Floor shall be installed to provide a recycled rubber resilient floor that is durable, stain-resistant and easy to maintain. No Fault Sport Floor shall be manufactured and installed to maintain performance criteria stated by manufacturer without defects, damage or failure, and shall comply with the requirements set forth by the American Standard Testing Methods (ASTM and Consumer Products Safety Commission (CPSC) for manufactured floor surfaces as detailed below.

1.03 QUALITY ASSURANCE

A. Test Results

1. Tensile Strength, lb/in² (ASTM D412): 200 min.
2. Flexibility, 1/4-inch mandrel (ASTM F137): pass
3. Static Load, 1000 lb/in² (ASTM F970): less than 0.020 in.
4. Coefficient of Friction (ASTM 2047): greater than 0.6
5. McBurney Indentation, 1 min at 77° F (25°C) (ASTM F142): less than 0.120 in.
6. Static Dissipation (ASTM F150): between 106 Ω and 109 Ω.
7. Chemical Resistance (ASTM F925):
 - a) 5% Acetic Acid: No Change
 - b) 70% Isopropyl Alcohol: No Change
 - c) Mineral Oil: No Change
 - d) 5% Sodium Hydroxide: No Change
 - e) 5% Hydrochloric Acid: No Change
 - f) 5% Ammonia: No Change
 - g) Bleach: No Change
 - h) 5% Phenol: No Change
 - i) Gasoline: No Change
 - j) Sulfuric Acid: No Change
 - k) Kerosene: No Change
 - l) Olive Oil: No Change
8. Ambient Noise Reduction, Sabin/ft² (ASTM C423): 0.10
9. Thermal Conductivity, BTU-in/hr-ft²-°F (ASTM C518): approximately 0.406
10. Impact Insulation Class (ASTM E492): 45 minimum
11. Sound Transmission Coefficient (ASTM 413): 45 minimum

B. Contractor Pre-Qualifications

1. A list of five (5) surfacing projects completed with a similar product. List shall include names of project representatives and respective telephone numbers.
2. All bidders must also submit Material Safety Data sheets (MSDS) and Product Data Sheets on all materials.

C. Insurance Requirements - All bidders must carry minimum insurance of:

- a) \$1,000,000 General Liability Per Occurrence
- b) \$2,000,000 General Aggregate
- c) \$2,000,000 Products Completed Operations
- d) \$5,000,000 Excess Liability
- e) \$1,000,000 Workers Comp. & Employers Liability
- f) \$1,000,000 Automobile Liability (any Auto)

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1.04 SUBMITTALS

- A. One original hard copy of the submittal package will be supplied with additional copies on Manufacturer's CD. Upon request, additional hard copies shall be supplied.
- B. Manufacturer's descriptive data and installation instructions shall be supplied upon request.
- C. Manufacturer's details showing depths of surface and sub-base materials, anchoring systems (if required) and edge details shall be supplied upon request.
- D. A list of all materials and components to be installed, including storage requirements, and precautions, and shall state chemical composition and test results to which material has been subjected in compliance with these specifications shall be provided upon request.
- E. Documentation of Contractor Pre-Qualification as stated in Section 1.03 Quality Assurance.
- F. Documentation of Insurance Requirements as stated in Section 1.03 Quality Assurance.
- G. Upon request, Manufacturer shall supply a sample of safety surface proposed for project. Size and depth of sample will be agreed upon prior to submittal.
- H. Upon request, A list of all organizations and affiliations of the company offering the product(s).

1.05 DELIVERY, STORAGE and HANDLING:

- A. Ordering: Owner or Contractor shall comply with manufacturer's ordering instructions and lead time requirements to avoid construction delays.
- B. General Delivery and Handling:
 - 1. Materials shall be delivered in loose rolls unless otherwise requested.
 - 2. Material shall be delivered to the job site in its original, unopened packaging with all labels intact.
 - 3. Recipient shall inspect all materials for visual defects before beginning the installation. No Labor claim will be honored on material installed with visual defects. Verify the material delivered is the correct style, color and amount. Any discrepancies must be reported immediately before installation.
- C. Storage and Protection: Store materials at temperature and humidity conditions recommended by manufacturer and protect from exposure to harmful weather conditions.

1.06 PROJECT SITE CONDITIONS:

- A. Recycled rubber flooring shall be installed over concrete, approved Portland-based patching and leveling materials, or wood. Note: Gypsum-based patching and leveling compounds are not acceptable.
- B. Recycled rubber flooring shall be installed on a dry subsurface.
- C. Temperature Requirements: Maintain air temperature in spaces where products will be installed for time period before, during and after installation as recommended by manufacturer.
- D. Field Measurements: Verify actual measurements/openings by field measurements before fabrication; show recorded measurements on shop drawings. Coordinate field measurements and fabrication schedule with construction progress to avoid construction delays.
- E. The manufacturer's installation manager shall reserve the right to control the project schedule installation based on such factor without penalty to No Fault Sport Group, LLC.
- F. Surface installation shall be coordinated by the project manager or designated individual of sub-base installation, with No Fault Sport Group's local production manager and in accordance with No Fault's sub-base requirements.

1.07 WARRANTY:

- A. Submit, for Owner's acceptance, manufacturer's standard warranty document executed by authorized company official. Manufacturer's warranty is in addition to and not a limitation of, other rights Owner may have under Contract Documents.
- B. Warranty Period: 3 years commencing on Date of Substantial Completion.

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PART 2 – PRODUCTS

No Fault Sport Floor, as manufactured by E CORE International and sold exclusively by No Fault Sport Group, LLC and it's authorized agents, 1-866-637-7678 or www.nofault.com.

NOTE – Other products will be allowed only if prior approved as per Section 2.02 Product Substitutions & Approved Equals

2.01 MATERIALS

- A. No Fault Sport Floor Surfacing “Physical Properties”:
 - 1. Roll Dimensions
 - a. ¼” depth – 48” (1219mm) x 1/4" (6mm) standard
 - b. 5/16” depth -48" (1219mm) x 5/16" (8mm) standard.
 - 2. Roll Weight
 - a. ¼” depth - 1.25lb/ft² (6.1 kg/m²)
 - b. 5/16” depth - 1.75lb/ft² (9.6 kg/m²).
 - 3. Roll Length - in accordance with owners recommendation
 - 4. Tile Dimensions – 2’ x 2’ x 5/16” depth
 - 5. Tile Weight – 7 lbs each (1.75lb/ft²)
- B. Color: As selected by Architect or Owner.
- C. No Fault™ polyurethane adhesive for sheets. Adhesive not required for tiles.

2.02 PRODUCT SUBSTITUTIONS & APPROVED EQUALS

- A. All product substitutions must be submitted for preapproval at least fourteen (14) days prior to bid opening date. A complete submittal package, as outlined in Section 1.03 Submittals, must be provided before a substitute product will be considered for preapproval. If the product submitted for preapproval cannot meet all requirements of the submittal package, it will not be considered.
- B. Once all products submitted for substitution have been reviewed, a list of the approved substitutes will be circulated and made available to bidders.

PART 3 – EXECUTION

3.01 SITE PREPARATION

- A. Surface and Sub-Floor Requirements: Surface shall be installed over concrete, approved Portland-based patching and leveling materials or wood. Note: Gypsum-based patching and leveling compounds are not acceptable.
- B. These are general requirements. Owner, contractor and installer must read complete set on installation and sub-floor preparations prior to installation of No Fault Sport Floor.
 - 1. Wood Sub-Floors – shall be double construction with a minimum thickness of 1 inch. The floor must be rigid, free from movement within a minimum of 18 inches of well-ventilated air space below.
 - 2. Underlayments – The preferred underlayment panel shall be APA Underlayment Grade plywood, minimum thickness of 1/4inch, with fully sanded face. Note: Particleboard, clipboard, Masonite and lauan are not considered a suitable underlayment
 - 3. Concrete Floors – Concrete shall have a minimum compressive strength of 3000 psi. Concrete shall be fully cured and permanently dried.
- C. Sub-Floor Preparation
 - 1. Subfloors shall be dry, clean, smooth, level and structurally sound. They shall be free of dust, solvent, paint, wax, oil, grease, asphalt, sealers, curing and hardening compounds, alkaline salts, old adhesive residue and other extraneous materials according to ASTM F710.
 - 2. Subfloors shall be smooth to prevent irregularities, roughness or defects from telegraphing through the new floor. The surface shall be flat to the equivalent of 1/8” (3mm) in 10’ (3m).

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3. All saw cuts (control joints), cracks, indentations and other non-moving joints in the concrete must be filled with an approved Portland-based patching compound.
 4. Expansion joints in the concrete are designed to allow for expansion and contraction of the concrete. If a floor covering is installed over an expansion joint, it will likely fail in that area. Use expansion joint covers designed for resilient flooring.
 5. Always allow patching materials to dry thoroughly and install according to the manufacturer's instructions. Excessive moisture in patching material may cause bonding problems or bubbling reaction with No Fault adhesive.
- D. Scheduling – No Fault Safety Surface shall be installed after other sub-contractors are complete; the area is free from pedestrian traffic; and under the conditions as outlined in Section 1.06 Project Site Conditions.

3.02 INSTALLATION

- A. Comply with No Fault Sport Floor Sheet Roll Surfacing Technical Manual for installation procedures and techniques for No Fault Sport Floor Sheet Roll Tile Surfacing recycled rubber resilient flooring installation.
- B. Finish Color/Textures/Patterns: As per architects recommendation and approval.
- C. For complete design and installation information, please contact NO FAULT SPORT GROUP, LLC 866-637-7678.

3.04 PROTECTION

- A. The synthetic safety surface shall be allowed to fully cure in accordance with Manufacturer's instructions. The surface shall be protected by the owner from all traffic during the curing period of 48 to 72 hours after surface installation is complete, or as instructed by the manufacturer.
- B. Surface installation crew shall be responsible for the protection of the Sport Floor during the installation process only. Owner or general contractor shall be responsible for protection of the Sport Floor during the crew's off hours and curing period.

3.05 CLEAN UP

- A. Manufacturer's installers shall not leave adhesive on adjacent surface. Spills of excess adhesive shall be promptly cleaned.
- B. Manufacturer's installers shall properly dispose of all material and packing waste before leaving the job site.
- C. Owner or contractor shall be responsible for supplying a dumpster at job site for all waste associated with installation of the Sport Floor.

**FOR INDIVIDUAL PROJECT SPECIFICATIONS OR OTHER INFORMATION INCLUDING FALL
HEIGHT REQUIREMENTS PLEASE CONTACT
NO FAULT SPORT GROUP, LLC**

866-637-7678

WWW.NOFAULT.COM