



EarthSaver Monster Tile

PRODUCT SPECIFICATIONS

PART 1 - GENERAL

1.01 DESCRIPTION

- A. Related Work Specified Under Other Sections:
 - 1. Substructure Buildup
 - a. Asphalt for outdoor or indoor installations
 - b. Concrete for indoor installation.....Section 03300
 - 2. Slab depression.
 - a. Depression shall be thickness of Rubberflex material specified – 1". Tolerance 1/8" in radius of 10'. Surface-steel troweled.
 - 3. Membrane waterproofing and damp-proofing.....Section 07100.
Concrete subfloors on or before grade shall be adequately water proofed beneath and on the perimeter of the slab and on the earth side of below-grade walls.
 - 4. Thresholds: metals.....Section 08700
 - 5. Game standard insertsSection 11500

1.02 QUALITY ASSURANCE

- A. Supplier Qualifications: Supplier shall be an established firm, experienced in the field: Rubberflex or approved equal.
- B. Installer Qualifications:
 - 1. Flooring contractor shall be experienced in the flooring field and approved by the manufacturer.
 - 2. Flooring contractor shall be factory-approved and have completed at least three projects of similar magnitude and complexity.
 - 3. Submit three copies of manufacturer's recommendations for the correct preparation, finishing and testing of concrete (asphalt) sub-floor surface to receive rubber sport surface.

1.03 SUBMITTALS

- A. Manufacturer's Product Data: Submit three copies of Physical Properties
- B. Samples: Submit three samples of EarthSaver Monster Tile in thickness desired.
- C. Maintenance Literature: Submit three copies of Rubberflex maintenance instructions.

1.04 DELIVERY, STORAGE AND HANDLING

- A. Delivery of material
 - 1. Material shall not be delivered or installed until all masonry, painting, plastering, tile work, marble and terrazzo work are completed and all overhead mechanical work, lighting, backstops, scoreboards are installed. Room temperature shall be at least 55 degrees Fahrenheit and moisture content of concrete slab 8% or lower.
 - 2. Area where materials are to be stored should be maintained at 55° Fahrenheit and under 50% relative humidity by the General Contractor.

1.05 JOB CONDITIONS

- A. Do not install floor system until concrete has been cured thirty (30) days and the requirements in Paragraph 1.04 are obtained.
- B. After sport surface is installed and games lines painted, area is to be kept locked by General Contractor to allow curing time for paint and adhesive. No other trades are to be allowed on floor until it is accepted by owner or his agents.





1.06 GUARANTEE

- A. Guarantee shall not cover damage caused in whole or in part by casualty, ordinary wear and tear abuse, use for which material is not designed, faulty construction of the building, settlement of the building walls, failure of the other contractors to adhere to specifications, separation of the concrete slab and excessive dryness or excessive moisture from humidity, spillage, mechanical failure, migration through the slab or wall, or any other source.
- B. Langhorn Flooring Concepts, Inc. hereby warrants the EarthSaver Monster Tiles to be free of manufacturing defects for a period of five (5) years. This warranty is in lieu of all other warranties, expressed or implied, including, but not limited to, any warranty or merchantability or fitness for a particular purpose, and of any other obligations on the part of Langhorn Flooring Concepts, Inc.. In the event of breach of any warranty, the liability of Langhorn Flooring Concepts, Inc., shall be limited to replacing Rubberflex materials as supplied by Langhorn Flooring Concepts, Inc. and proven to be defective in manufacture, and shall not include any other damages, either direct or consequential.

PART 2 - PRODUCT

2.01 MATERIALS

- 1. Product: The molded tile surfacing system supplied shall be Rubberflex, 1" Monster Recycled Rubber Molded Tiles.
- 2. Physical: 1" Monster Tiles consist of a high density wear surface; eight (8) molded perimeter dowel holes that accept specially designed dowel pins to promote ease of installation.
- 3. Material: Made from 100% recycled SBR (Styrene-Butadiene Rubber) tire rubber, with reprocessed EPDM granules with polyurethane binder.
- 4. Tile Dimension: EarthSaver Monster Tile shall be 24" x 24" x 1" (specify 24" x 24").
- 5. Tile Weight: 17.0 lbs/tile
- 6. Tile Standard Tolerances: Width: $\pm 2\text{mm}$
Thickness: $\pm 3\text{mm}$
- 7. Colors: Specify color from manufacturer's standard color range; custom colors are available.

2.02 TECHNICAL DATA

- A. Adhesive (in lieu of dowels)
 - 1. Rubberflex adhesive shall be approved by manufacturer, no substitutions. Adhesive shall be a single component POLYURETHANE adhesive over asphalt, wood or concrete. Use of any non-approved adhesive shall void warranty.

PART 3 – EXECUTION

3.01 INSPECTION

- A. Inspect concrete (or asphalt) sub-floor for proper tolerance (see pt. B-Sec. 1.04-1) and dryness (see pt. 1 -Sec. 1.04-1) and report any discrepancies to General Contractor in writing.
- B. All work required to put concrete (asphalt) sub-floor in acceptable condition shall be the responsibility of General Contractor
- C. Sub-floor shall be broom cleaned by General Contractor.

3.02 INSTALLATION

- A. EarthSaver Monster Tiles
 - 1. Product should be stored in the area to be installed for 24 hours prior to commencing installation.
 - 2. Apply polyurethane adhesive according to manufacturer's directions on label. Use 1/8" notched trowel to spread adhesive or follow manufacturer's guideline for using dowels to loose-lay tiles.
- B. Clean up all unused materials and debris and remove same from the premises.