

## SECTION 09 65 00 TIRE VENEER - RESILIENT RUBBER TILE & SHEET FLOORING

### PART 1 GENERAL

#### 1.1 SUMMARY

- A. The work of this section includes:
  - 1. Recycled rubber resilient sheet flooring.
  - 2. Recycled rubber resilient floor tile/interlocking tile.
- B. Related Sections: Selections related to this section include:
  - 1. Concrete Substrate: Division 3 Concrete Sections.
  - 2. Plywood Substrate: Division 6.

#### 1.2 REFERENCES

- A. Standards listed form a part of this specification.
  - 1. ASTM D 2240 Standard Test Method for Shore Hardness.
  - 2. ASTM D 792 Standard Test Method for Density.
  - 3. ASTM D 412 Standard Test Method for Elongation (at break).
  - 4. ASTM D 412 Standard Test Method for Tensile Strength.
  - 5. ASTM D 3574 Standard Test Method for Rebound.
  - 6. ASTM C 501 Standard Test Method for Tabor Abrasion.
  - 7. ASTM D 395 Standard Test Method for Compression Set.
  - 8. ASTM D1895-95 Standard Test Method for Coefficient of Friction.
  - 9. ASTM D 624 Standard Test Method for Tear.
  - 10. ASTM F925 Standard Test Method for Chemical Resistance.
  - 11. ASTM E-84 Standard Test Method for Flame Spread.
  - 12. ASTM E-84 Standard Test Method for Smoke Density.

#### 1.3 SYSTEM DESCRIPTION

- A. Performance Requirements: Provide recycled rubber resilient flooring, which has been manufactured and installed to meet performance criteria stated by manufacturer without defects, damage or failure.

#### 1.4 SUBMITTALS

- A. General: Submit listed submittals in accordance with Conditions of the Contract.
- B. LEED: Provide documentation of how the requirements for credit will be met.
  - 1. List of proposed materials with recycled content. Indicate pre-consumer and post-consumer content.
  - 2. Product data and certification letter indicating percentage by weight of recycled content.
  - 3. State proximity in distance miles from manufacturer to project.
- C. Product Data: Include manufacturer's installation guide and property sheet for specified products.
- D. Shop Drawings: Showing layout, profiles, components, anchorage, accessories and color formula.
- E. Samples: Submit selection and verification samples for color.
- F. Quality Assurance Submittals: Submit the following:
  - 1. Certificates: If required, for performance characteristics of product specified.
  - 2. Manufacturer's Instructions for installation.
- G. Closeout Submittals:
  - 1. Operation and Maintenance Data for installed products. Include methods for maintaining installed products and precautions against cleaning materials and methods detrimental to finishes and performance.
  - 2. Warranty documents specified herein.

#### 1.5 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section with minimum fifteen years experience.
  - B. Installer Qualifications: Company specializing in performing Work of this section with minimum three years experience.
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**1.6 DELIVERY, STORAGE AND HANDLING**

- A. General: Comply with Division 1 Product Requirements Sections.
- B. Comply with manufacturer's ordering instructions and lead time requirements to avoid construction delays.
- C. Deliver materials in manufacturer's original, unopened, containers with identification labels intact.
- D. Store materials at temperature and humidity conditions recommended by manufacturer.

**1.7 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.
- B. 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.

**1.8 WARRANTY**

- A. Project Warranty: Refer to Conditions of the Contract for project warranty provisions.
- B. Manufacturer's Warranty: 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.
  - 1. Warranty Period: Limited 1 Year Warranty. Manufacturer warrants [TIRE VENEER](#) to be free of defects in material and workmanship for one year from date of installation.

**1.9 MAINTENANCE**

- A. Extra Materials: Deliver to Owner extra materials from same production run as products installed. Package products with protective covering and identify with descriptive labels.
  - 1. Quantity: Furnish quantity of recycled rubber flooring units equal to [specify %] of amount installed.
  - 2. Delivery, Storage and Protection: Comply with Owner's requirements for extra materials

**PART 2 PRODUCTS****2.1 PROPRIETARY MANUFACTURER**

- A. Manufacturer: [Yemm & Hart Ltd](#), Contact - tel: 573-783-5434, fax: 573-783-7544, email: [yemmhart@hughesdotnet.com](mailto:yemmhart@hughesdotnet.com), [www.yemmhart.com](http://www.yemmhart.com).
- B. No substitutions permitted.

**2.2 MATERIALS**

- A. [TIRE VENEER](#): Pure granulated SBR tire buffings combined with a polyurethane resin binder, 1/8 to 3/4 inch (3mm to 18mm) thick, plus or minus .010 inch (.254mm). Density average is 62 Lbs per cubic foot.
  - 1. Size: Roll 48 inches (1220 mm) wide continuous, roll length varies by thickness.
  - 2. Size: Tiles 36 x 36 inch (914 x 914mm) straight cut.
  - 3. Size: Tiles 36 x 36 inch (914 x 914mm), interlocking covers 7.5 sf (0.696m<sup>2</sup>).

**2.3 SOURCE QUALITY**

- A. Obtain recycled rubber resilient flooring materials from one manufacturer.

**PART 3 EXECUTION****3.1 MANUFACTURER'S INSTRUCTIONS**

- A. Compliance: Comply with manufacturer's product data, including product technical bulletins, product catalog, installation instructions and product carton instructions for installation.

**3.2 EXAMINATION**

- A. Site Verification of Conditions: Verify substrate conditions are acceptable for product installation in accordance with manufacturer's instructions.

**3.3 PREPARATION**

- A. Surface Preparation: Specify applicable product preparation requirements.

**3.4 INSTALLATION**

- A. Follow manufacturer's installation instructions.

**3.5 CLEANING**

- A. Remove temporary coverings, repair or replace damaged product, clean installed products in accordance with manufacturer's instructions prior to Owner's acceptance. Remove and legally dispose of construction debris from project site.

**3.6 PROTECTION**

- A. Protect installed products until completion of project.

**END OF SECTION**