

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.

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: 636-600-5454, email: yemmhart at hughes dot net, 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 (0.696m²).

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