

Rubber Designs Swing Safe Mat Outdoor Safety Surfacing Mat Specifications

Notes: This section covers the Rubber Designs Swing Safe Mat OUTDOOR SAFETY SURFACING MAT resilient, outdoor surfacing mat. Consult RUBBER DESIGNS for assistance in editing this section for the specific application.

PART 1: GENERAL

1.1 SECTION INCLUDES

- A. Rubber Designs Swing Safe Mat is a Resilient Outdoor Safety Surfacing Wear Mat.

1.2 REFERENCES

- A. ASTM F1292 Standard Specification for Impact Attenuation
 - A. Impact Attenuation of Surface Systems Under and Around Playground Equipment.
 - B. ASTM- D412 Tensile Strength /Elongation Break
 - C. ASTM- D3389 Abrasion Resistance (Rotary)
 - D. ASTM- D624- Tear Strength
 - E. ASTM- C1028- Slip Resistance- Standard Test Method for Determining the Static Coefficient of Friction.
 - F. ASTM- D2859-Burning Pill Test
 - G. ASTM- C67 Freeze Thaw
 - H. K. ASTM- D3574 Flexible Cellular Density

1

1.3 SUBMITTALS

- A. Submittal Procedures.
- B. Product Data: Submit manufacturer's product data, including installation examples and/or subsurface recommendations.
- C. Samples: Submit manufacturer's sample of full tile size 3' x 5' x 2.25".
- D. Warranty: Submit manufacturer's standard warranty.

1.4 DELIVERY, STORAGE, AND HANDLING

- A. Delivery:
Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Storage:
 - 1. Outdoor Safety Surfacing Tiles:
 - a. Store tiles in a dry area prior to installation.
 - 2. Adhesive: Store adhesive in a dry area at a minimum temperature of 40 degrees F.
 - a. Handling: Protect materials during handling and installation to prevent damage.

1.5 WARRANTY

- A. Materials and Workmanship: Outdoor surfacing tiles shall be warranted against cracking, breaking and excessive degeneration based on normal wear and proper installation, cleaning and maintenance for a period of 5 years from date of purchase.

PART 2: PRODUCTS

2.0 MANUFACTURER

- A. RUBBER DESIGNS
105 US HWY 411 PO Box 128 RANGER, GA 30734
Toll Free (877) 978-2237 Phone (706) 383-7528 Fax (706) 334-2331
Website: www.rubberdesigns.com

Rubber Designs Swing Safe Mat Outdoor Surfacing Mat

- A. "Rubber Designs Swing Safe Mat"
 - 1. Tile is manufactured using 90% post consumed SBR rubber.
 - 2. Critical Fall Height 4 Feet:
 - 3. 2.25 Inch Thickness:
 - 4. Size: 3' x 5' x 2.25" 130 pounds
 - 5. Colors: Black, Brown, Green, Red

2

Leed qualifying: Cut sheet available on website: www.rubberdesigns.com
Leed Point Contributions (Environmental, Economic and Health & Community Benefits
NC v2.2 MRc 4 (1-2 points) 90% Post-Consumer Recycled Content by Weight
NC v2.2 MRc 5 (1-2 points) 100% Regional Material within 500 Miles of Project Site.

2.2 ACCESSORIES

- A. Rubber Designs Loose-fill Rubber Mulch
 - 1. ASTM-1292
 - 2. Material – MSDS
 - 3. Leed Credit points
- B. Rubber Designs Flexcurb Boarder Containment System.
 - 1. ASTM-1292
 - 2. Material – MSD
 - 3. Leed Credit points
- C. Prepare subsurface in accordance with manufacturer's instructions to ensure proper support and drainage for outdoor Safety Surfacing Guide.

It is critical that a proper subsurface drainage system be constructed or the tile surface may not stay level and may cause damage to surfacing.

- A. Compacted well drained soil
- B. Granular Aggregate Subsurface: Compacted, granular aggregate subsurface.
- C. Concrete Subsurface:
 - 1. Ensure concrete is sound with no loose material.
 - 2. Ensure concrete is a minimum of 28 days old.
 - 3. Power wash existing concrete.
- D. Asphalt Subsurface:
 - 1. Ensure asphalt is sound with no loose material or cracks.
 - 2. Ensure asphalt is a minimum of 28 days old.
 - 3. Power Wash existing asphalt.

2.4 INSTALLATION

- A. Under swing, Slides exits

2.5 CLEANING

- A. Outdoor Safety Mat may be broom sweep.
- B. A leaf blower to remove loose debris from tiles.
- C. A biodegradable detergent may be used on the outdoor tiles for heavily soiled areas.
 - 1. Rinse tiles.
 - 2. Apply detergent.
 - 3. Brush with broom or bristled scrub brush.
 - 4. Rinse thoroughly.