

# DYNAPLAY PLAYTILES & ACCESSORIES

## SPECIFICATION SHEET

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### TECHNICAL SPECIFICATIONS

#### PLAYTILES & ACCESSORIES

##### 1.) Product Name

DynaPlay Playtiles & Accessories

##### 2.) Product Description

DynaPlay Playtiles is formulated from a combination of 100% post-consumer recycled SBR (styrene butadiene rubber), EPDM (ethylene propylene diene monomer) rubber and polyurethane.

Colored toppings are made up of either EPDM granules or SBR granules mixed with pigment color.

All colored toppings are approximately ½" thick with the SBR granules making up the remainder of the tile.

##### A. Tile Size:

19 ½" x 19 ½" (2.65 sq.ft. Per Tile)

24"x24" (4 sq.ft. Per Tile)

##### B. Tile Thickness (Fall Height)

1 ½" (Up To 4 Ft.)

2 ¼" (Up To 6 Ft.)

3 ½" (Up To 10 Ft.)

NOTE: All measurements are nominal and subject to variation.

C. Wedges & Wedge Tiles are used around the perimeter of an area to create a transition. They can be adhered to the edge of the tile and/or glued to the sub-surface. Different colored wedges can be used to create a "warning strip".

##### Dimensions:

1 ½" x 19 ½" long x 19 ½" wide

2 ¼" x 19 ½" long x 6" wide

3 ½" x 19 ½" long x 12" wide

D. Corner Wedges compliments the transition wedges. There are inside and outside corner wedges, designed for use on all 90 degree angles.

##### Dimensions:

2 ¼" x 9 ¾" long x 6" wide

3 ½" x 10" long x 12"

E. Wheelchair Ramps are designed to meet ADA requirements for ramp standards.

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### Dimensions:

2 1/4" x 24" long x 39" wide

3 1/2" x 39" long x 39" wide

F. Half Tiles are designed so that application can be installed in a staggered layout.

G. Finishing Kits are furnished to fill in cuts around posts and play structure mounts at the end of a project to give a clean finished look.

H. Custom Logos are designed to create fun and games. Several PlayTile Series are available, as well as single PlayTiles.

- Hopscotch
- Traffic Symbols
- Animal Crackers
- Space Travel
- Alphabet (Lower & Upper Case)
- Four Square Game

### Colors:

- 100% Black
- Terra Cotta Red
- Stone Beige
- Forest Green
- Teak Brown

### Standard Colors:

- Green
- Red
- Beige
- Orange

25% Speckle, 50% Speckle, 100% Solid Color

### 3. Design & Basic Use

A. DynaPlay PlayTile is designed primarily for the playground industry as surfacing around and beneath play structures. DynaPlay PlayTiles will be in compliance with ADA, CPSC, and ASTM standards and requirements.

B. DynaPlay PlayTiles are designed with an "interlocking system" which provides easy installation, self-aligning with no adhesive required.

C. DynaPlay PlayTiles can be installed over acceptable sub-surfaces which include concrete, asphalt, wood, and earth. Other sub-surfaces shall be approved by DynaPlay.

D. The sub-surface must be evaluated and approved by the installer prior to the installation of DynaPlay PlayTiles. Installer shall also evaluate and approve required drainage and gradient prior to installation.

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E. For indoor applications, floor drains should be installed to allow for proper water drainage during the cleaning process.

#### 4. Installation Methods

Refer to DynaPlay PlayTiles Installation & Maintenance Guidelines for information and detailed instructions.

- A. Perimeter Containment
- B. Perimeter Gluing Only
- C. Total Glue Down on Hard Surface or Filter Cloth
- D. Compacted Granular Base

Use DynaPlay recommended adhesives.

#### 5. Installation Conditions

Before starting installation, lay out all the tiles you will be installing the next day, on or near the sub-surface. Allow tiles to equalize to ambient temperature for about 12 hours. Materials shall be protected from weather, solvents, and other damage prior to and during installation.

#### 6. Technical Data

Test Standards for: American Society for Testing and Materials (ASTM)

- ASTM C1028 Standard Test Method for Determining the Static Coefficient of Friction by the Horizontal Dynamometer Pull-Meter Method.
- ASTM F1292-99 Standard Specification for Impact Attenuation of Surface Systems Under and Around Playground equipment.
- ASTM E648 Standard Test Method for Critical Radiant Flux of Floor-Covering Systems Using a Radiant Heat Energy Source.

TEST PROCEDURE	DESCRIPTION	VALUE
ASTM C1028-84	Static Coefficient of Friction	Dry .67, Wet .64
ASTM 1292-99	Shock absorbing properties tested between 32 and 120 F, G-Max and HIC measured may not exceed 200 and 1000 respectively at a given fall height.	1 ½" 4ft. 2 ¼" 6ft. 3 ½" 10ft.
ASTM E648	Flammability Performance. *Class 1 achieved with fire retardant added.	Class 11 (.35 watts/sq.cm.)

#### 7. Installation & Maintenance Procedures

Use a qualified or certified installer with experience installing similar recycled rubber surfacing products. Refer to DynaPlay PlayTiles & Accessories installation & Maintenance Guidelines.

- ☎ Toll Free Tel: 800-714-1302
- ☎ Direct Line: 574-594-3002

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- ☺ Fax: 574-594-3018
- ☺ Email: [prp@kconline.com](mailto:prp@kconline.com)

## 8. Availability & Cost

Contact dealer, distributor or Pierceton Rubber Products, Inc. for information on availability and pricing.

## 9. Warranty

The standard warranty period is 5 years from date of shipment. Please refer to Pierceton Rubber Products Limited Warranty for the particulars of warranty coverage relating to DynaPlay Products.

## 10. Technical Services

A staff of trained customer service personnel offers design assistance and technical support. Please contact Pierceton Rubber Products, Inc.