

Revised – Feb. 2017 by JM

Product Guide Specification 32 18 16.13

Protective Playground Surfacing- Woodcarpet Products only

Specifier Notes: This product guide specification is written according to the Construction Specifications Institute (CSI) Format, including *MasterFormat* (2004 edition), *SectionFormat*, and *PageFormat*, contained in the *CSI Manual of Practice*.

The section must be carefully reviewed and edited by the Architect to meet the requirements of the project and local building code. Coordinate this section with other specification sections and the drawings.

Delete all "Specifier Notes" when editing this section.

Specifier Notes: This section covers the following recreational surfacing materials from Zeager:

WOODCARPET® Engineered wood fiber surfacing containing 100 percent pre-consumer recovered wood. It is designed to reduce injuries on playgrounds and provide a stable resilient surface for trails. Tested according to ASTM methods to ensure compliance with ADA, ASTM, CPSC, and CSA standards for playground surfacing.

WOODCARPET® Geotextile fabric is placed both below and above aggregate drainage material to create a weed barrier and to prevent the aggregate from mixing with the subsurface and the engineered wood fiber. This in combination with aggregate will help to extend the life of your WoodCarpet® surfacing. (See system 1 spec.)

WOODCARPET® resilient drain panel made from recycled foam in a thermal process that does not use chemicals. A layer of geotextile fabric is bonded to the top surface to ensure that the fabric will not get pulled up. Provides excellent vertical and horizontal drainage. Is a lightweight complete drainage system and is used as an alternative to an aggregate drainage system.

TUFFMAT® FOAM: playground surfacing wear mat manufactured from recycled foam in a thermal process that does not use chemicals and topped with a heavy duty vinyl. It is designed to be anchored in place on top of engineered wood fiber playground surfacing or glued to the top of DURADRAIN® in kick-out areas to improve accessibility and prevent displacement. Custom sizes available.

WOODCARPET® BINDER: A polyurethane binder that is mixed with WoodCarpet® to form an accessible layer over loose fill WoodCarpet®. This layer is firm and slip resistant yet resilient enough to be used on playgrounds.

PART 1 - GENERAL

1.1 SECTION INCLUDES

A. Playground Surfacing.

1.2 RELATED SECTIONS

Revised – Feb. 2017 by JM

Specifier Notes: Edit the following list as required for the project. List other sections with work directly related to the playground surfacing.

- A. Section 312000 – Earth Moving: Sub-grade preparation.
- B. Section 334600 – Sub-drainage: Drainage piping and aggregate drainage material.
- C. Section 116800 - Play Field Equipment and Structures: Playground equipment installed over playground surfacing.

1.3 REFERENCES - WOODCARPET, GEOTEXTILE FABRIC & FOAM DRAINAGE PRODUCTS

Specifier Notes: List standards referenced in this section, complete with designations and titles. This article does not require compliance with standards, but is merely a listing of those used.

- A. ASTM D 2434 – Standard Test Method for Permeability of Granular Soils (Constant Head).
- B. ASTM D 2859 - Standard Test Method for Ignition Characteristics of Finished Textile Floor Covering Materials.
- C. ASTM D 3776 – Standard Test Methods for Mass Per Unit Area (Weight) of Fabric.
- D. ASTM D 3786 – Standard Test Method for Bursting Strength of Textile Fabrics - Diaphragm Bursting Strength Tester Method.
- E. ASTM D 4491 – Standard Test Methods for Water Permeability of Geotextiles by Permittivity.
- F. ASTM D 4533 – Standard Test Method for Trapezoid Tearing Strength of Geotextiles.
- G. ASTM D 4632 – Standard Test Method for Grab Breaking Load and Elongation of Geotextiles.
- H. ASTM D 4716 – Standard Test Method for Determining the (In plane) Flow rate per Unit Width and Hydraulic Transmissivity of a Geosynthetic Using a Constant Head.
- I. ASTM D 4751 – Standard Test Method for Determining Apparent Opening Size of a Geotextile.
- J. ASTM D 4833 – Standard Test Method for Index Puncture Resistance of Geomembranes, and Related Products.
- K. ASTM D 5199 – Standard Test Method for Measuring the Nominal Thickness of Geosynthetics.
- L. ASTM F 1292 – Standard Specification for Impact Attenuation of Surfacing Materials within the Use Zone of Playground Equipment.
- M. ASTM F 1951 – Standard Specification for Determination of Accessibility of Surface Systems Under and Around Playground Equipment.
- N. ASTM F 2075 – Standard Specification for Engineered Wood Fiber for Use as a Playground Safety Surface Under and Around Playground Equipment.

Revised – Feb. 2017 by JM

- O. 16 CFR 1500.44 – Method for Determining Extremely Flammable and Flammable Solids.

1.4 SYSTEM DESCRIPTION – LOOSE FILL SYSTEM

- A. Engineered Wood Fiber Surfacing: WoodCarpet® - A recreational surface manufactured from 100 percent pre-consumer recovered wood. It is designed to reduce injuries on playgrounds and provide a stable resilient surface for trails. Tested according to ASTM methods to ensure compliance with ADA, ASTM, CPSC, and CSA standards for playground surfacing.
- B. Geotextile Fabric: - Placed both below and above aggregate drainage material to create a weed barrier and to prevent the aggregate from mixing with the subsurface and the engineered wood fiber.
- C. Resilient Drainage Pad: - Made from recycled foam in a thermal process that does not use chemicals. A layer of geotextile fabric is bonded to the top surface to ensure that the fabric will not get pulled up. Provides excellent vertical and horizontal drainage. Is a lightweight complete drainage system and is used as an alternative to an aggregate drainage system.
- D. Playground Surfacing Wear Mat - TUFFMAT®: Made from recycled foam in a thermal process that does not use chemicals topped with heavy duty vinyl. It is designed to be anchored in place on top of engineered wood fiber playground surfacing to improve accessibility and prevent displacement. Custom sizes available.

1.5 SYSTEM DESCRIPTION - UNITARY SYSTEMS

- A. System 6 and 7 Bonded WoodCarpet: WoodCarpet® engineered wood fiber is used as a base installed over a gravel drainage system or a foam drainage panel system. To make this a more accessible surface, the top 2 inches of the WoodCarpet® is mixed with a polyurethane binder which forms a resilient, slip resistant surface that is natural looking and able to absorb impact on playgrounds. It can also be installed over a stone base to form a trail that is resistant to wash out. See specification 6. Specific binder is available through Zeager.

1.6 SUBMITTALS

- A. Comply with Section 013300 - Submittal Procedures.
- B. Product Data: Submit manufacturer's product data, including installation instructions, ASTM F 1292 test results, ASTM F1951 Accessibility test results, ASTM F2075 test results, and IPEMA Certificates of Compliance where applicable.
- C. Samples: Submit manufacturer's samples of each specified material.
- D. Maintenance Instructions: Submit manufacturer's maintenance instructions for playground surfacing.
- E. Warranty: Submit manufacturer's standard warranty.
- F. References: Submit at least 3 customers that have been using the product for at least 3 years.

Revised – Feb. 2017 by JM

1.7 QUALITY ASSURANCE

A. Manufacturer Qualifications:

1. Member of International Play Equipment Manufacturer's Association (IPEMA).
2. Total Liability Insurance Coverage: \$11,000,000.
3. Sales Representatives trained by National Playground Safety Institute (NPSI).

B. Installer Qualifications: A firm or individual certified, licensed, or otherwise qualified by surfacing manufacturer as experienced and with sufficient trained staff to install manufacturer's products according to specified requirements.

Specifier Notes: Describe requirements for a meeting to coordinate the installation of the playground surfacing and to sequence related work. Delete this paragraph if not required.

C. Pre-installation Meeting: Convene a pre-installation meeting [2] [_____] weeks before start of installation of playground surfacing. Require attendance of parties directly affecting work of this section, including Contractor, Architect, and installer. Review installation and coordination with other work.

1.8 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. Deliver engineered wood fiber playground surfacing to site in bulk.
- B. Storage: Store materials in a clean, dry area in accordance with manufacturer's instructions. Store engineered wood fiber playground surfacing to prevent contamination.
- C. Handling: Protect materials during handling and installation to prevent damage. Handle engineered wood fiber playground surfacing to prevent contamination.

1.9 WARRANTY

A. Warranty Covers Playground Surfacing for Following Periods:

1. Engineered Wood Fiber Playground Surfacing: 15-20 years.
2. Bonded engineered wood fiber playground surfacing: 1 year product/ 3 years- impact.
3. Bonded engineered wood fiber for trails – 1 year.
4. Playground surfacing wear mat: 5 years.

PART 2 - PRODUCTS

2.1 MANUFACTURER

- A. Zeager Bros., Inc., 4000 East Harrisburg Pike, Middletown, Pennsylvania 17057. Toll Free (800) 346-8524. Phone (717) 944-7481. Fax (717) 944-7681. Web Site: www.zeager.com. E-Mail sales@zeager.com.

Revised – Feb. 2017 by JM

- B. Zeager Bros. Inc. KY office.- 340 Steele Road, Franklin, Kentucky. Toll Free (800) 296-9227. Phone (270) 586-4491. Fax (270) 586-4493. Web Site: www.zeager.com. E-Mail zhc@zeager.com.

2.2 PLAYGROUND SURFACING

Specifier Notes: Consult Zeager Bros. for assistance in editing this article for the specific application.

A. Engineered Wood Fiber Playground Surfacing: WOODCARPET®

1. Composition: Engineered wood fiber. No chemical treatments or additives.
2. Compliance: Meet or exceed CPSC guidelines for impact attenuation.
3. Recycled Content: 100 percent pre-consumer recovered materials.
4. Dimensions: Per sieve analysis, ASTM F2075 / 4.4: Meets Criteria.
5. Hazardous Metal, ASTM F 2075 / 4.5: Meets Criteria.
6. Tramp Metal, ASTM F 2075 / 4.6: Meets Criteria.
7. Coefficient of Permeability, ASTM D 2434: Greater than 0.6 cm/s.
8. When bonded: Permeability per falling head test, EM1110-2-1906-VII-13: 191.19 gal/min/sq.ft.
9. Moisture Absorption: Maximum of 150 percent by weight.
10. Moisture Content: 25 to 60 percent by weight.
11. Density: 15 to 24 pounds per cubic foot.
12. Impact Attenuation: ASTM F 1292. Meets criteria.
13. IPEMA Certification: 8 inch thickness rated to 8 feet and 12 inch thickness to 12 feet.

Specifier Notes: In the interest of public playground safety, IPEMA provides an independent laboratory which validates a manufacturer's certification of conformance to ASTM F1292 & F2075. A list of current validated products, their thickness and critical height may be viewed at www.ipema.org.

14. Accessibility, ASTM F 1951: Meets criteria.
15. Standard Test Method for Ignition Characteristics of Finished Textile Floor Covering Materials- D2859: Meets criteria.
16. Flammable, 16 CFR 1500.44, Federal Hazardous Substances Act Title 16, Chapter II, Subchapter C for Rigid and Pliable Solids: Did not ignite.

B. Drainage Fabric:

1. Composition: nonwoven geotextile filter fabric of staple fibers that is formed into a random network, needle punched and heat-set for dimensional stability.
2. Recycled content: N/A
3. Size: 5 feet wide x 300 feet long. / 1.5 m wide x 91.4 m Long
4. Weight, ASTM D5261 Min. 3.5 ounces per square yard
5. Grab Tensile Strength: ASTM D4632 0.45 kN / 57 lbs
6. Grab Tensile Elongation " " 50%
7. CBR Puncture: ASTM D6241 .064kN/ 145 lbs
8. UV Resistance: ASTM D4355 70% @500 hrs
9. Trapezoidal Tear : ASTM D45330.13kN / 29 lbs
10. Permittivity ASTM D4491 2.20 sec
11. Water Flow Rate: " " 6112 lpm/m 150 gpm/ft
12. Apparent Opening size ASTM D4751-0300 mm/50 US Std Sieve.

C. Resilient Foam Drainage:

Revised – Feb. 2017 by JM

1. Composition: Recycled closed-cell, cross-linked, polyethylene, foam nuggets permanently fused together.
2. Top surface: each piece covered with one layer of geotextile fabric.
3. Recycled Content: 98 percent pre-consumer recovered materials.
4. Size: 48 inches by 72 inches.
5. Weight: 89 oz./sq. yd.
6. Thickness: 1.375 inches.
7. Density: 86 oz./cu. ft.
8. Transmissivity, ASTM D4716: 3.65E-003 m² / sec.
9. Flow Rate, ASTM D2434: 38 gallons/ minute per sq. ft.
10. Impact Attenuation: ASTM F 1292. Meets criteria.
11. IPEMA Certification: 1.375" inch DURADRAIN® under 9 inches of WOODCARPET® rated to 12 feet.

D. Binder for WOODCARPET® used in system 6 and 7 for maximum accessibility.

1. Composition: Proprietary chemical blend.
2. Chemical family: Aromatic Isocyanate Prepolymer.
3. Chemical name: Diphenylmethane Diisocyanate (MDI) Prepolymer.
4. Available in 5 gal. buckets or 260 gal. totes.

E. Playground Surfacing Wear Mat: TUFFMAT® Foam.

1. Composition: Closed-cell, cross-linked, polyethylene, foam nuggets thermally fused together.
2. Compliance: Meet or exceed CPSC guidelines for impact attenuation.
3. Coating: The top surface of each mat is covered with a layer of heavy duty vinyl.
4. Recycled Content: 15 percent pre-consumer recovered materials.

Specifier Notes: Specify the required size or sizes for the project. Delete the sizes below if they are indicated on the drawings.

Recommended use for each size mat:

44 inches by 44 inches / finished size 32 inches by 32 inches. - Slide exit
44 inches by 74 inches / finished size 32 inches by 62 inches - Swing and double wide slide
50 inches by 62 inches/ finished size 36 inches by 48 inches- universal size – all clear floor spaces
72 inches by 72 inches – Tire swing. 72 inches by 96 inches – Swing bay

5. Size: See box above. Other custom sizes available for various types of equipment.
6. Weight: 1.8 lbs./sq ft.
7. Thickness: 1.25 inches.
8. IPEMA Certification: 1.25 inch thick mat over 11 inches WoodCarpet®- rated to 12 feet.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine areas to receive playground surfacing. Notify Architect if areas are not acceptable. Do not begin installation until unacceptable conditions have been corrected.

Revised – Feb. 2017 by JM

3.2 INSTALLATION

Specifier Notes: Specify one of the following systems for the project. The WOODCARPET® Aggregate System is Not Recommended For Play Areas Over A Hard Surface (asphalt, concrete, etc.) Use WOODCARPET®/FOAM DRAINAGE system- Spec 13.

Systems:

WOODCARPET® Aggregate System 1.

WOODCARPET® FOAM DRAINAGE System 11.

A. WOODCARPET® Aggregate System 1.

1. Review project plans and verify that playground equipment use zones, clearances, and reach ranges will comply with ASTM F1487 sections 8, 9, and 10, and with CAN/CSA-Z614 sections 14 and 15.
2. Prepare sub-grade as specified in Section 312000. Ensure that site drainage is routed away from or around the playground area. Grade subsoil to a 2 percent grade toward the drainpipe.
3. Install playground equipment in accordance with manufacturer's instructions at locations indicated on the drawings.
4. Geotextile Fabric:
 - a. Lap seams a minimum of 10 inches or a minimum of 5 inches if a double bead of exterior grade construction adhesive is applied to lap.
 - b. Place seams parallel to direction of slides and travel of swings.
5. Install drainage piping and aggregate drainage material as specified in Section 334600.
6. Install a containment system around the play area edge.
7. Install fabric as described in step 4.
8. Engineered Wood Fiber Playground Surfacing:
 - a. Place wood fiber surfacing to a minimum depth of 8 inches after compaction for play equipment under 4 feet high and to a minimum depth of 12 inches after compaction for play equipment over 4 feet high.
 - b. Use mechanical equipment to uniformly compact and level material.

Specifier Notes: Choose one of the following wear mats: TUFFMAT® foam mat.

9. Playground Surfacing Wear Mat:

- a. Install a mat in each kick-out area.
- b. Dig a channel around the mat edge down to the base of the engineered wood fiber and slope mat edges down into the channel. When anchoring the mat, install anchors and plastic cable ties to attach mat to anchors. Refill the channel with engineered wood fiber. Anchoring is necessary to keep the mat from shifting or being removed.

10. Installation Instructions for Bonded WoodCarpet®:

- a. Ask your Zeager representative for a certified installer near you.

Revised – Feb. 2017 by JM

- b. Do not install in temperatures below 40 degrees F.
- c. Until the bonded surface wears in, we recommend installing a 1 to 2 inches of loose-fill WoodCarpet® in high traffic areas. The product may have a rough texture to it for the first few months of use. Installing wear mats below swings and slides is recommended. Contact a Zeager representative for an authorized installer near you.
- d. If installing an accessible bonded pathway over an existing wood fiber surface we recommend tapering the edge of the pathway all the way down to the drainage base. A soft tapered edge rather than a straight drop off will allow for easier access on to the

Specifier Notes: If additional vandal resistance is desired, at seams use exterior grade construction adhesive to glue overlaps to the adjacent panel.

Specifier Notes: If subsoil is loose or sandy, a layer of geotextile fabric should be installed before installing resilient foam drainage

pathway as the loose wood fiber decays or gets kicked away. This will also prevent the edge of the pathway from being exposed and possibly vandalized. As with any loose fill and unitary surface combinations it is important to maintain surfacing depths between the loose fill layer and the unitary layer. The depth of the loose fill wood fiber layer will determine the width of the tapered edge needed. A typical 12 inch system will need a 24 inch tapered edge to reach the drainage layer. An 8 inch system will require an 18 inch edge to reach the bottom drainage layer. Add this to the width of the pathway when ordering material.

- e. When installing wear mats do not install over loose fill WoodCarpet®. Install Zeager Zero Fill TuffMat®. This method will not allow the wear mat to sink below the bonded layer.
 - f. When installing a bonded pathway up to a sidewalk edge, dig away the loose layer of WoodCarpet® approximately 12 inches from the concrete sidewalk and install the bonded layer all the way down to the drainage base. This will keep a smooth transition between pathway and sidewalk edge. See Spec for more details.
11. Inspect the playground and verify that playground equipment use zones, clearances, and reach ranges comply with ASTM F1487 sections 8, 9, and 10, and with CAN/CSA-Z614 sections 14 and 15.

B. WOODCARPET® Foam Drainage- System 11.

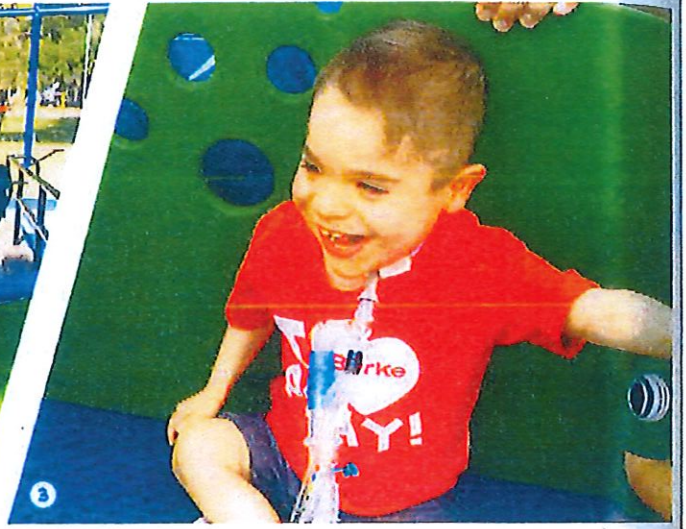
Specifier Notes: When installing over a hard surface such as asphalt or concrete, use the DuraDrain® system, WoodCarpet® Mats at all high wear areas, and a minimum 12 inches of WoodCarpet®.

1. Review project plans and verify that playground equipment use zones, clearances, and reach ranges will comply with ASTM F1487 sections 8, 9, and 10, and with CAN/CSA-Z614 sections 14 and 15.
2. Prepare sub-grade as specified in Section 312000. Ensure that site drainage is routed away from or around the playground area. Grade subsoil to a 2 percent grade toward the drainpipe.
3. Install playground equipment in accordance with manufacturer's instructions at locations indicated on the drawings.
4. Install drainage piping as specified in Section 334600. Excavate a minimum 8 inch wide by 8 inch deep trench along low end of area to storm drain. Install drainpipe in trench.
5. Install a containment system around the play area edge.
6. Install geotextile fabric over subsoil then install resilient foam drainage:
 - a. Install panels side by side fabric side up. Allow min. 1/2 inch gap at border to allow for expansion.
 - b. Cut around equipment base and border using utility knife or circular saw. Wrap around drainpipe, use plastic cable tie to secure foam to pipe.

Revised – Feb. 2017 by JM

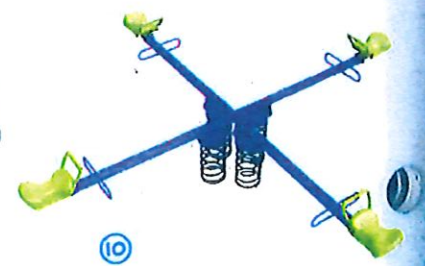
7. Engineered Wood Fiber Playground Surfacing:
 - a. Place wood fiber surfacing to a minimum depth of 7 inches after compaction for play equipment under 4 feet high and to a minimum depth of 10 inches after compaction for play equipment over 4 feet high and to a minimum depth of 12 inches for play areas on top of a hard surface (asphalt, concrete, etc.).
 - b. Use mechanical equipment to uniformly compact and level material.
8. Playground Surfacing Wear Mat:
 - a. Install a mat in each kick-out area.
 - b. Dig a channel around the mat edge down to the base of the engineered wood fiber and slope mat edges down into the channel. To anchor mat, install anchors and plastic cable ties to attach mat to anchors. Refill the channel with engineered wood fiber. Anchoring is necessary to keep the mat from shifting or being removed.
9. Installation Instructions for Bonded WoodCarpet®:
 - a. Ask your Zeager representative for a certified installer near you.
 - b. Do not install in temperatures below 45 degrees F 24 hours before and after install.
 - c. Until the bonded surface wears in, we recommend installing a 1 to 2 inches of loose-fill WoodCarpet® in high traffic areas. The product may have a rough texture to it for the first few months of use. Installing wear mats below swings and slides is recommended. Contact a Zeager representative for an authorized installer near you.
 - d. If installing an accessible bonded pathway over an existing wood fiber surface we recommend tapering the edge of the pathway all the way down to the drainage base. A soft tapered edge rather than a straight drop off will allow for easier access on to the pathway as the loose wood fiber decays or gets kicked away. This will also prevent the edge of the pathway from being exposed and possibly vandalized. As with any loose fill and unitary surface combinations it is important to maintain surfacing depths between the loose fill layer and the unitary layer. The depth of the loose fill wood fiber layer will determine the width of the tapered edge needed. A typical 12 inch system will need a 24 inch tapered edge to reach the drainage layer. An 8 inch system will require an 18 inch edge to reach the bottom drainage layer. Add this to the width of the pathway when ordering material.
 - e. When installing wear mats do not install over loose fill WoodCarpet®. Use Zeager TuffMat Zero Fill mats. Install bonded layer up to edge of wear mat to within 1/4 inch of top of wear mat. This method will not allow the wear mat to sink below the bonded layer.
 - f. When installing a bonded pathway up to a sidewalk edge, dig away the loose layer of WoodCarpet® approximately 12 inches from the concrete sidewalk and install the bonded layer all the way down to the drainage base. This will keep a smooth transition between pathway and sidewalk edge.
10. Inspect the playground and verify that playground equipment use zones, clearances, and reach ranges comply with ASTM F1487 sections 8, 9, and 10, and with CAN/CSA-Z614 Sections 14 and 15.

END SECTION



MOTION PLAY &

Number	Product ID	Description	Ages	Capacity	ASTM Use Zone	Price*
1	560-0044	8' (2.5m) Carousel**	2-12	8 kids	20' (6m) diameter	\$4,361
not pictured	560-0045	6' (1.6m) Carousel**	2-12	6 kids	18' (5.5m) diameter	\$3,616
2	570-0053	4 Seat Rocker	2-12	4 kids	13' x 22' (4m x 6.7m)	\$2,038
3	560-0562	Cruiser (requires a 16" berm, not included)	2-12	12 kids	20' x 23' (6.1m x 7m)	\$12,513
4	570-0055	2 Seat Rocker	2-12	2 kids	13' x 19' (4m x 5.8m)	\$1,532
5	550-0190	75' (22.9m) ZipVenture® (not accessible)	5-12	1 kid	101' x 26' (30.8m x 8m)	\$12,991
not pictured	550-0180	100' (30.5m) ZipVenture (not accessible)	5-12	1 kid	126' x 26' (38.4m x 8m)	\$13,300
6	570-0054	Standing Rocker	2-12	2 kids	15' x 21' (4.6m x 6.4m)	\$1,923
7	570-0770	Dynamic Surfer	2-12	2 kids	14' x 16' (4.3m x 4.9m)	\$1,252
8	560-0463	Energy Orbiter	5-12	6 kids	19' (5.8m) diameter	\$3,996
9	570-0774	2 Seat See-Saw	2-5	2 kids	18' x 14' (5.5m x 4.3m)	\$1,318
10	570-0777	4 Seat See-Saw	2-12	4 kids	23' x 23' (7m x 7m)	\$3,162



BCIBURKE.COM

**Hydraulic Speed Limiter promotes safer play. Handrails come galvanized. Powder Coat handrails available with additional charge. Approximate list price. Surfacing, freight, taxes and installation are extra. Specifications and pricing subject to change without notice.

Warning: Never install play equipment over hard surfaces such as asphalt, concrete, grass or compacted earth. Consult ASTM and CPSC guidelines for appropriate amounts of impact attenuating material.



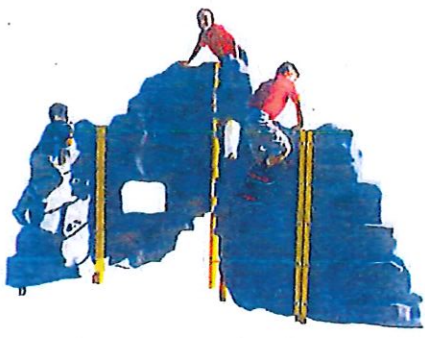
RockIt Left
Platform: 48", 56" and 72"



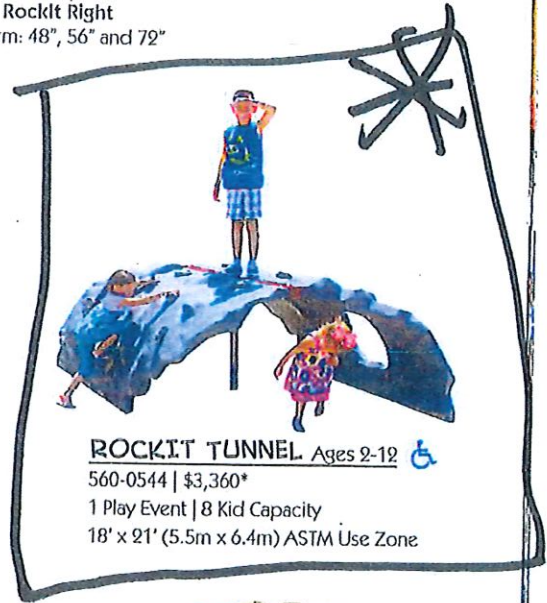
RockIt Right
Platform: 48", 56" and 72"



BB-1926 Ages 5-12 ♿
Approximately \$9,000*
4 Play Events | 21 Kid Capacity
24' x 24' (7.4m x 7.4m) ASTM Use Zone



BB-2048 Ages 5-12 ♿
Approximately \$5,800*
5 Play Events | 14 Kid Capacity
18' x 24' (5.5m x 7.4m) ASTM Use Zone



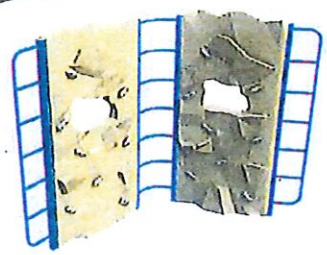
ROCKIT TUNNEL Ages 2-12 ♿
560-0544 | \$3,360*
1 Play Event | 8 Kid Capacity
18' x 21' (5.5m x 6.4m) ASTM Use Zone



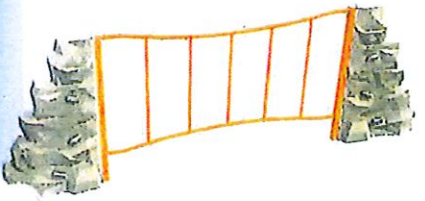
BB-1930 Ages 2-12 ♿
Approximately \$2,200*
2 Play Events | 4 Kid Capacity
14' x 19' (4.3m x 5.8m) ASTM Use Zone



BB-1931 Ages 5-12 ♿
Approximately \$4,100*
3 Play Events | 8 Kid Capacity
14' x 22' (4.3m x 6.7m) ASTM Use Zone



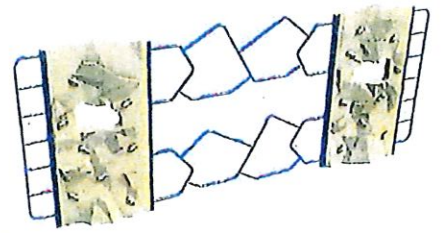
BB-1932 Ages 5-12 ♿
Approximately \$4,400*
5 Play Events | 14 Kid Capacity
15' x 22' (4.6m x 6.7m) ASTM Use Zone



BB-1995 Ages 2-12 ♿
Approximately \$2,700*
3 Play Events | 8 Kid Capacity
14' x 26' (4.3m x 8m) ASTM Use Zone



BB-1976 Ages 5-12 ♿
Approximately \$6,500*
5 Play Events | 16 Kid Capacity
14' x 29' (4.3m x 8.9m) ASTM Use Zone



BB-1977 Ages 5-12 ♿
Approximately \$5,100*
5 Play Events | 16 Kid Capacity
14' x 29' (4.3m x 8.9m) ASTM Use Zone

Warning: Never install play equipment over hard surfaces such as asphalt, concrete, grass or compacted earth. Consult ASTM and CPSC guidelines for appropriate amounts of impact attenuating material.

PlaySimple® Playgrounds Early Childhood

Get the most of every dollar with these affordable, professional-grade playground designs. Provide kids with rich play experiences on a limited budget with simple structures you can install yourself!

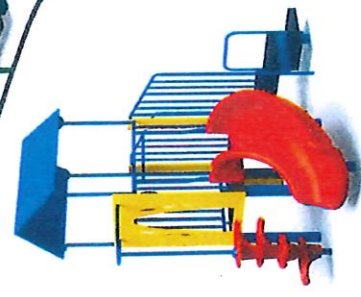
PlaySimple color palette:

 Blue, Red, Yellow, Green, Grey



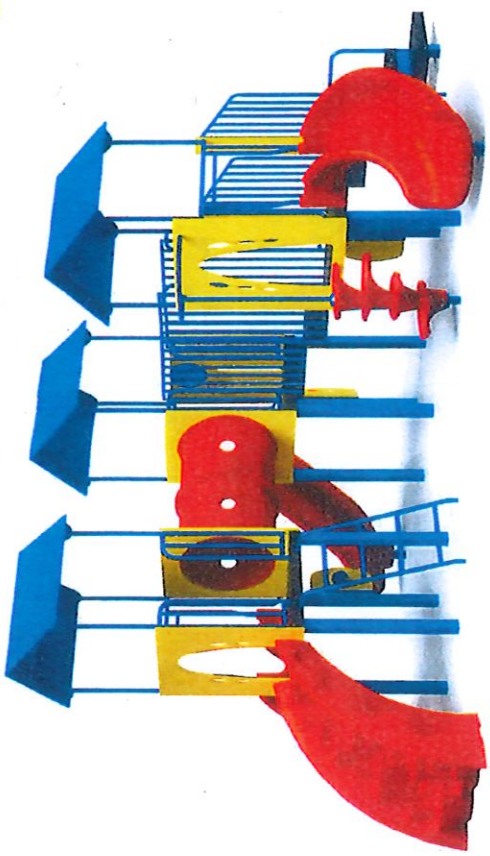
PlaySimple® Tunnel Junction
 PSD-1102-FTD • AGES: 2-5 \$9,952

PlaySimple® Simply Play
 PSD-1107-FTD • AGES: 2-5 \$4,996

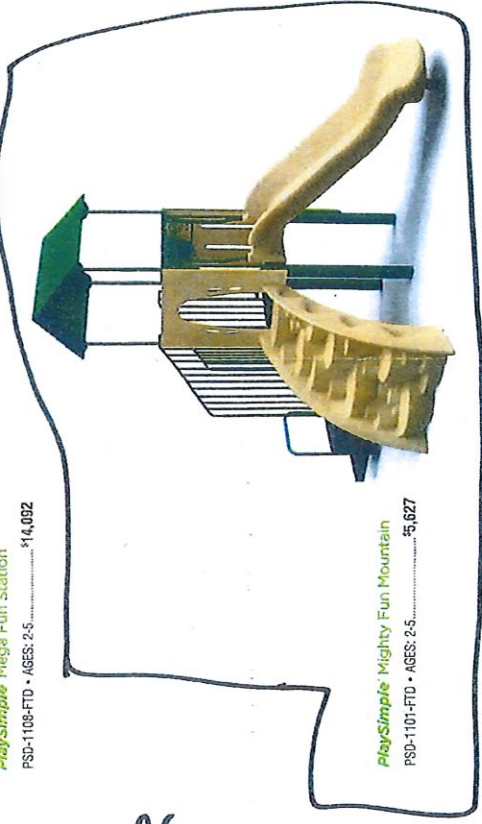


Description	Item Number	Ages	Space Required	Fall Height	Play Events	Child Capacity	Install Hours	Weight	2017 Price
Tunnel Junction PlaySimple®	PSD-1102-FTD	2-5	28' 1" x 20' 10" (8.56m x 6.35m)	4' 0" (1.22m)	8	19	18	1,605 lb (727 kg)	\$9,952
Simply Play PlaySimple®	PSD-1107-FTD	2-5	22' 2" x 20' 3" (6.76m x 6.17m)	3' 0" (0.91m)	4	10	10	297 lb (135 kg)	\$4,996

*2017 currency numbers provided for your reference only. All prices are in U.S. dollars and are subject to change without notice. See your Playworld representative for more information.



PlaySimple® Mega Fun Station
 PSD-1108-FTD • AGES: 2-5 \$14,092



PlaySimple® Mighty Fun Mountain
 PSD-1101-FTD • AGES: 2-5 \$5,627

Description	Item Number	Ages	Space Required	Fall Height	Play Events	Child Capacity	Install Hours	Weight	2017 Price
Mega Fun Station PlaySimple®	PSD-1108-FTD	2-5	30' 10" x 30' 0" (9.4m x 9.14m)	4' 0" (1.22m)	11	23	30.5	2,055 lb (932 kg)	\$14,092
Mighty Fun Mountain PlaySimple®	PSD-1101-FTD	2-5	27' 4" x 15' 0" (8.33m x 4.57m)	4' 0" (1.22m)	4	10	10	931 lb (423 kg)	\$5,627

*2017 currency numbers provided for your reference only. All prices are in U.S. dollars and are subject to change without notice. See your Playworld representative for more information.

OR