

A. Product Data: Submit manufacturer's product data, including warranty, maintenance and installation instructions, ASTM F 1292 test results, IPEMA certificate of compliance, and samples. To obtain a certificate, visit www.zeager.com.

B. Manufacturer Qualifications:

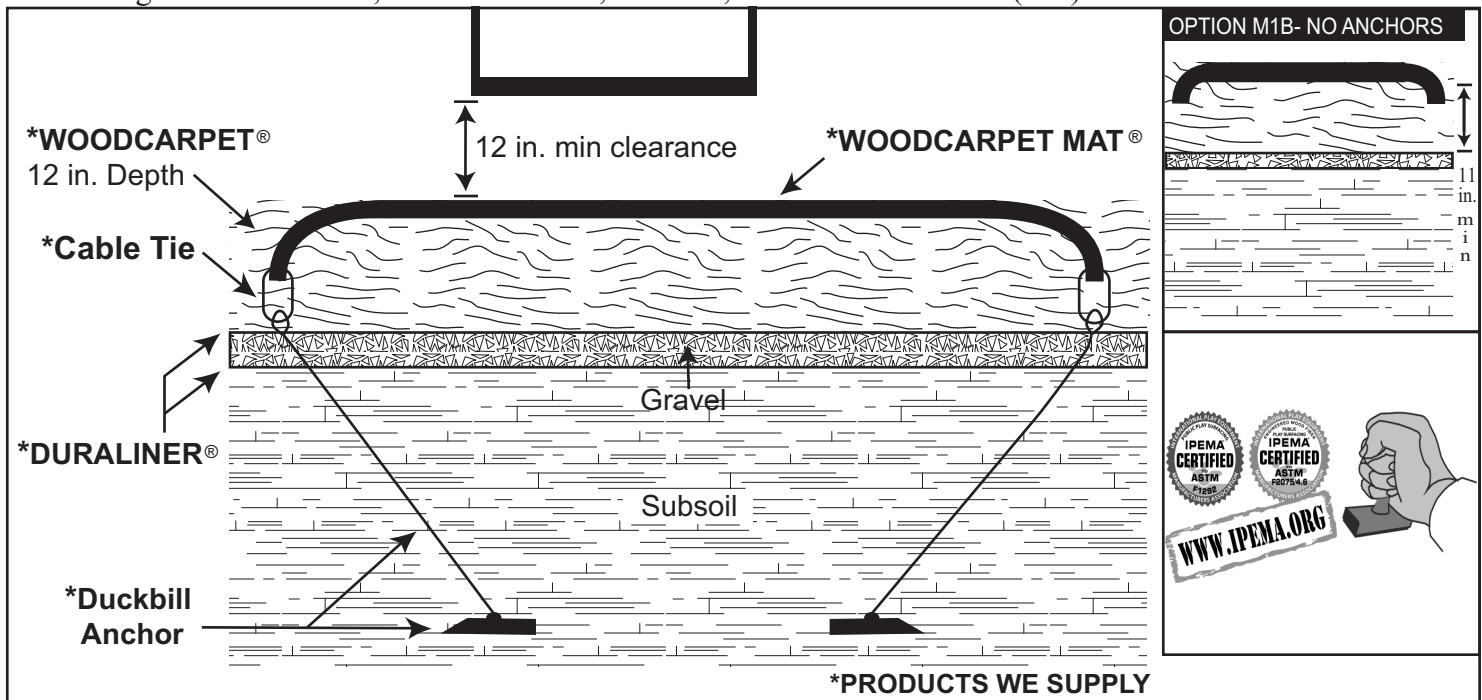
1. Member of International Play Equipment Manufacturer's Association (IPEMA).
2. Total Liability Insurance Coverage: \$11,000,000.
3. Sales Representatives certified by National Playground Safety Institute (NPSI).

C. Warranty Covers Playground Surfacing for Following Periods:

1. Playground Surfacing Wear Mat: 5 years

D. Manufacturer:

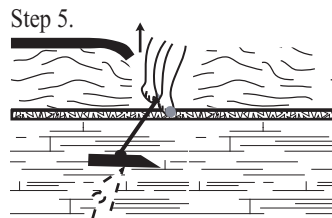
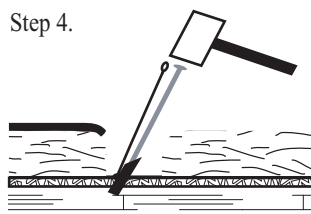
1. Zeager Bros., Inc., 4000 East Harrisburg Pike, Middletown, Pennsylvania 17057. Toll Free (800) 346-8524.
2. Zeager Hardwood Co., 340 Steele Road, Franklin, KY 42134. Toll Free (800) 296-9227.



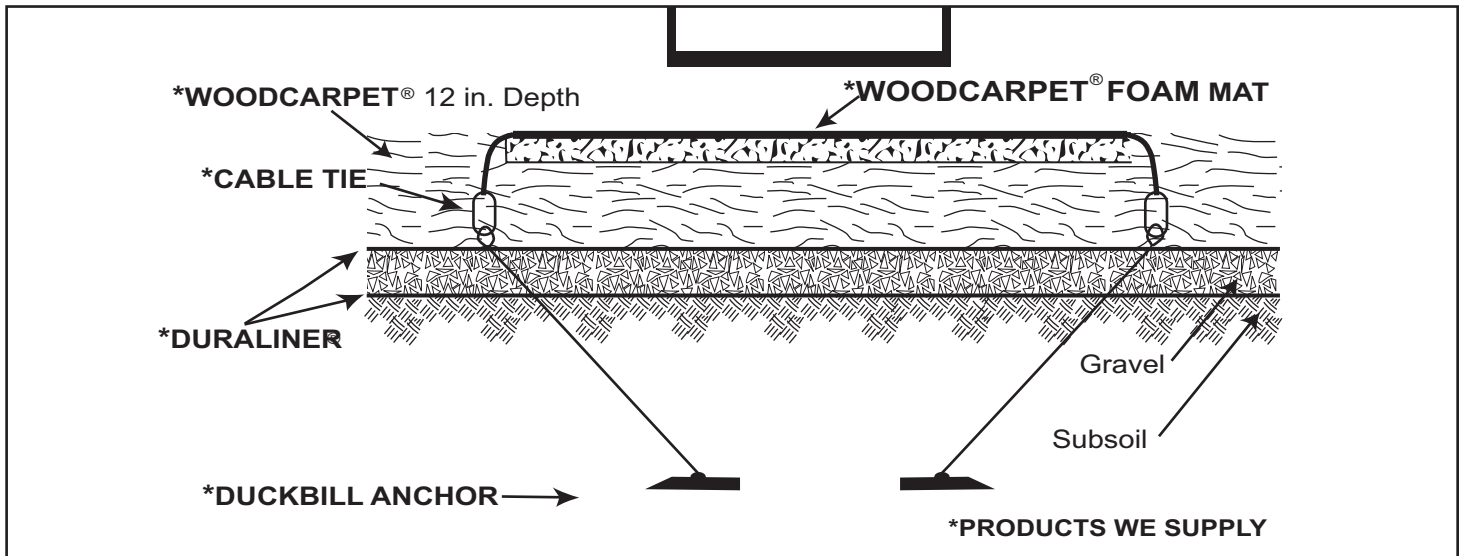
E. Application: Kick-out areas on playground surfaces (ie. swings, slide exits, tire swings).

F. Installation Procedure:

1. In the kick-out area ensure that there is a minimum of 11 in. (275mm) of WOODCARPET® that is level and compacted. (Woodcarpet PVC Mats are certified for impact attenuation at 12ft with 11 in of Woodcarpet below them.) Installing on top of the surface will provide maximum accessibility.
2. Lay out the mat (smooth side up) to cover the equipment's kick out area.
3. Under the edge of the mat, dig out a channel in the WOODCARPET® to allow approximately 6 in. (160mm) of the mat edges to drop down into the channel. It may be necessary to round the edge of the WOODCARPET® under the mat to allow the edges to hang down into the channel.
4. (If you are not using anchor kits proceed to step 7.) At the anchor points remove Woodcarpet® down to the drainage layer. Using the steel drive rod, drive the duckbill anchor into the subsoil until the loop on the end of the cable is the only thing showing above the surface. Twist and pull the drive rod back out.
5. Insert the steel drive rod through the cable loop and pull upward about 3 in.(75mm). The upward pull on the cable rotates the anchor into a horizontal locking position.
6. Loop the tie wrap (included with the anchor kit) through a hole on the mat edge and through the loop on the end of the anchor cable. Tighten the tie wraps to provide tension, causing the edges of the mat to drop into the channel.
7. Refill and compact the channel around the edge of the mat with WOODCARPET®.
8. Ensure that the vertical distance between the underside of swing seats, when occupied, and the WOODCARPET MAT® is a minimum of 12 in. (300mm), as per ASTM F1487 section 8 and as per CAN/CSA-Z614 section 15.
9. Ensure that the height of slide exit regions above the WOODCARPET MAT® are no greater than 11 in. (275mm) for slides with an elevation no greater than 48 in. (1220mm) and between 7 in. and 15 in. (180mm and 380mm) for slides with an elevation greater than 48 in. (1200mm) as per ASTM F 1487 section 8 and as per CAN/CSA-Z614 section 15.



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- B. Manufacturer Qualifications:**
1. Member of International Play Equipment Manufacturer's Association (IPEMA).
 2. Total Liability Insurance Coverage: \$11,000,000.
 3. Sales Representatives certified by National Playground Safety Institute (NPSI).
- C. Warranty Covers Playground Surfacing for Following Periods:**
1. Playground Surfacing Wear Mat: 5 years
- D. Manufacturer:**
1. Zeager Bros., Inc., 4000 East Harrisburg Pike, Middletown, Pennsylvania 17057. Toll Free (800) 346-8524.
 2. Zeager Hardwood Co., 340 Steele Road, Franklin, KY 42134. Toll Free (800) 296-9227.



- E. Application:** Kick-out areas on outdoor playground surfaces (ie. swings and slide exits)

F. Installation procedure for anchoring the mat on top of the WOODCARPET®:

Note: Zeager recommends installing wear mats above the surface to meet ADA standards for accessibility design.

1. In the kick-out area ensure that there is a minimum of 11 in. of Woodcarpet® that is level and compacted. Woodcarpet® foam mat is certified to 12ft with 11" of Woodcarpet® underneath it.
2. Lay out the mat (vinyl side up) to cover the equipment's kick out area.
3. Under the edge of the mat, dig out a channel in the WOODCARPET® to allow the mat edges to drop down into the channel.
4. Remove the top 1 in. of WOODCARPET® from under the foam portion of the mat so that the mat does not protrude above the WOODCARPET® surface. This helps to meet change in level requirements according to ADA standards.
5. It may be necessary to taper the edge of the WOODCARPET® under the mat to allow the mat edges to slope down into the channel at approximately 45°.
6. At the anchor points remove Woodcarpet® down to the drainage layer. Insert the drive rod into the duckbill anchor and drive the duckbill anchor into the subsoil at an angle toward the underside of the mat until the loop on the end of the cable is the only thing showing above the surface. Twist and pull the drive rod back out. For hard or stony soils, drill a hole into the subsoil with a masonry bit before driving the duckbill anchor into the subsoil.
7. Insert the steel drive rod through the cable loop and pull upward about 3 in. The upward pull on the cable rotates the anchor into a horizontal locking position.
8. There are anchor holes located around the edge of each mat, including two at each corner. At each corner, bend the mat edges down so that the two anchor holes line up with each other. Loop a cable tie (included with the anchor kit) through the two anchor holes and then through the loop on the end of the duckbill anchor cable. After attaching all cable ties, tighten the cable ties to provide tension, causing the edges of the mat to drop into the channel.
9. Refill and compact the channel around the edge of the mat with WOODCARPET®.
10. Ensure that the vertical distance between the underside of swing seats, when occupied, and the WOODCARPET MAT® is a minimum of 12 in. (300mm), as per ASTM F1487 section 8 and as per CAN/CSA-Z614 section 15.
11. Ensure that the height of slide exit regions above the WOODCARPET MAT® are no greater than 11 in. (275mm) for slides with an elevation no greater than 48 in. (1220mm) and between 7 in. and 15 in. (180mm and 380mm) for slides with an elevation greater than 48 in. (1200mm) as per ASTM F 1487 section 8 and as per CAN/CSA-Z614 section 15.

G. Notes:

1. Using drainage & wear mats as specified by Zeager is required for warranty coverage. Inadequate drainage may hasten decomposition
2. If not installing using a plate compactor and wetting procedure that is described in the previous installation information, the surface may not meet accessibility standards & will require as much as 15% less WOODCARPET®.
3. Periodic maintenance should include removing debris, raking and topping off by performing steps 9 and 11. Be sure to keep surfacing up to within 1/4" of the top of border where accessible entrance is to meet ADA standards. See also WOOD-CARPET® maintenance recommendations.

H. PRODUCT SPECS:

Playground Surfacing Wear Mat: WOODCARPET® PVC MAT

- a. Composition: Polyvinylchloride (PVC). Meets CPSIA Federal Act for Lead and Phthalate acceptable levels.
- b. Recycled Content: 60 % Preconsumer recovered pvc.
- c. Drain Holes: 3/8 inch diameter holes, one per 10 square inches.
- d. Size: 42 in. x 42 in. [slide exit], 42 in. x 78 in. [swing], 78 in. x 78 in. [tire swing, vertical spinner], 78 in. x 90 in. [swing bay], 156 in. OD x 73.5 in. ID [merry go round]
- e. Weight: 3.0 pounds per square foot.
- f. Thickness: 3/4 inches.
- g. Impact, ASTM F1292: Over 11.25 inches of Woodcarpet, meets criteria up to 12 feet.
- h. IPEMA Certification: Over 11.25 inches of Woodcarpet, rated to 12 feet.

4. Playground Surfacing Wear Mat: WOODCARPET® FOAM MAT.

- a. Composition: Closed-cell, cross-linked, polyethylene foam.
- b. Recycled content: 100% pre-consumer recovered foam.
- c. Top surface: Covered with layer of heavy duty vinyl.
- d. Drain holes: 3/8 diameter holes, one per square foot.
- e. Size: 44 in. x 44 in. [slide exit], 44 in. x 74 in. [swing]
- f. Finished size: 32in.x32in. [slide exit], 32inx62in. [swing]
- g. Weight: 1.13 inches thick= 1.1 pounds per square foot.
- h. Thickness: 1.125 inch.
- i. Impact, ASTM F1292: 1.125 in. thick mat meets criteria up to 3'.
- j. IPEMA Certification: 1" thick mat over 11" of Woodcarpet rated to 12ft. fall protection