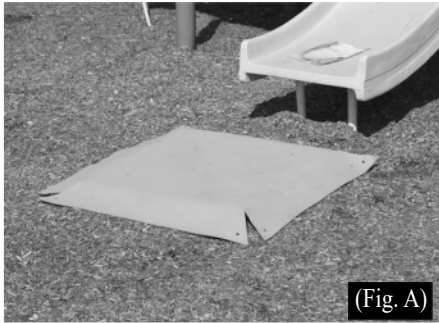




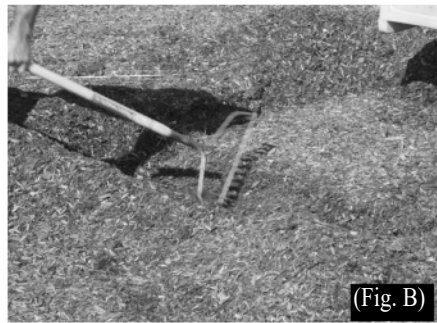
TUFFMAT® SURFACE WEAR MAT Installation Instructions

PA Office 1-800-346-8524
FAX 717-944-7681

- A.** Anchor kit for Universal surface mat - WMFUNIK - 6 duckbills, 6 cable ties.
B. Anchor kit for Swing Bay Surface mat - WMFSBK - 10 duckbills, 10 cable ties.



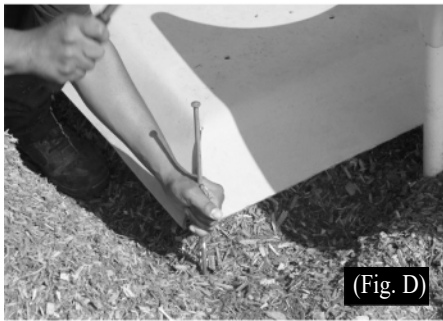
(Fig. A)



(Fig. B)



(Fig. C)



(Fig. D)



(Fig. E)



(Fig. F)



(Fig. G)



(Fig. H)



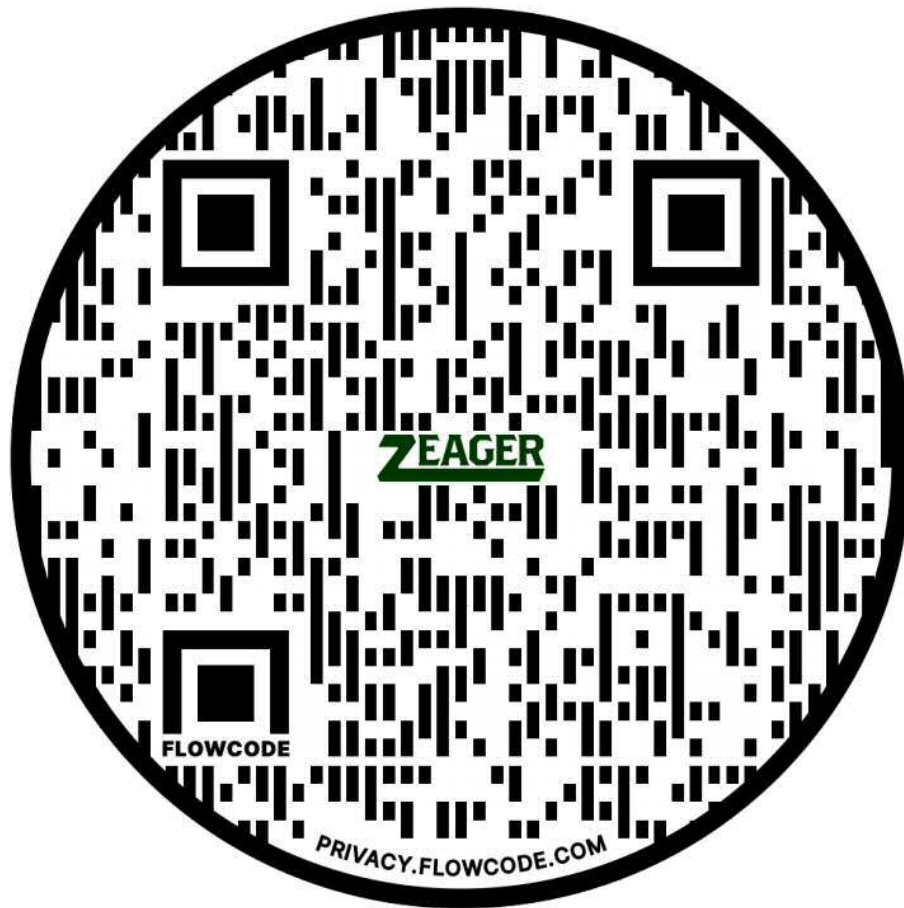
(Fig. I)

- C. Application:** Kick-out areas on outdoor playground surfaces (ie. swings and slide exits). Go to www.youtube.com/zeagersurfacing and click on; 'Surface TuffMat Install' video to watch installation demonstration.

D. Installation procedure for anchoring the mat on top of the WoodCarpet:

1. Before installing mat, ensure that there is a minimum of 11 in. of WoodCarpet that is level and compacted.
2. Lay out the mat (tan vinyl side up) to cover the WoodCarpet at the slide exit or under the swing seat (Fig. A). Note: Some mats may be shipped in a folded state. Allow sun to soften vinyl. Creases should soften.
3. Mark the outer edge of the mat by digging a shallow channel around the mat. Remove the mat and continue digging out a minimum 6" deep channel in the WoodCarpet to allow the mat edges to drop down into the channel. Hold the rake at an angle so the ditch is tapered up to the underside of the base of the mat. This keeps the mat flaps at an angle to improve accessibility (See Fig.B).
4. Place mat back into position on top of the WoodCarpet at the install location. Ensure that WoodCarpet has been removed from the channel around the mat perimeter. Start at a corner of the mat; insert a drive rod into the duckbill anchor (Fig.C) and hammer the duckbill anchor straight down into the subsoil until the loop on the end of the cable is the only thing showing above the drain system surface (Fig.D). Twist and pull the drive rod out. For hard or stony soils, pre-drill a hole into the subsoil with a masonry bit before driving the duckbill anchor into the subsoil.
5. Insert the steel drive rod through the cable loop and pull upward (Fig.E). The upward pull on the cable rotates the anchor into a horizontal locking position.
6. 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 (Fig.F). After attaching all cable ties, tighten the cable ties to provide tension, causing the edges of the mat to drop into the channel (Fig.G).
7. Refill and compact the channel around the edge of the mat with WoodCarpet making an even transition between the surface and the mat (Fig. H & I).
8. Maintain the accessible routes between entry/exits of your equipment, keeping the surface compacted and level. Periodically check the transition height between the wear mat and the surrounding surface to be sure the transition is level.
9. Ensure that the clearance between the mat surface and any slide exits or swing seats is within guidelines per ASTM F 1487 or CSA-Z614.
10. Go to www.youtube.com/zeagersurfacing and click on TuffMat wear mat maintenance video for information on how to maintain your TuffMats.

Scan the QR code with the camera on your smartphone to watch the installation video.



Or, go to our YouTube Channel:
Zeager Surfacing and watch the
video **“Surface TuffMat install”**

WARNING: WoodCarpet can expose you to wood dust, which is known to the State of California to cause cancer. For more information, go to www.P65Warnings.ca.gov.

WARNING: TuffMat can expose you to chemicals including - Vinyl chloride monomer; Carbon black; Ethyl acrylate; Titanium dioxide; Rutile (TiO₂); 1,2-benzendikarboxylsyra,di-C8-10-alkyl ester, grenad; Nickel antimony yellow rutile (C.I. Pigment Yellow 53); Quartz; which are known to the State of California to cause cancer and/or Diisodecyl phthalate; which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.