



FODS REUSABLE CONSTRUCTION ENTRANCE

INSTALLATION GUIDE

(303) 395-1069

(844) 200-3637

98 INVERNESS DR. E. #350

ENGLEWOOD, CO 80112

WWW.GETFODS.COM/INSTALLATION

FODS HARDWARE KIT



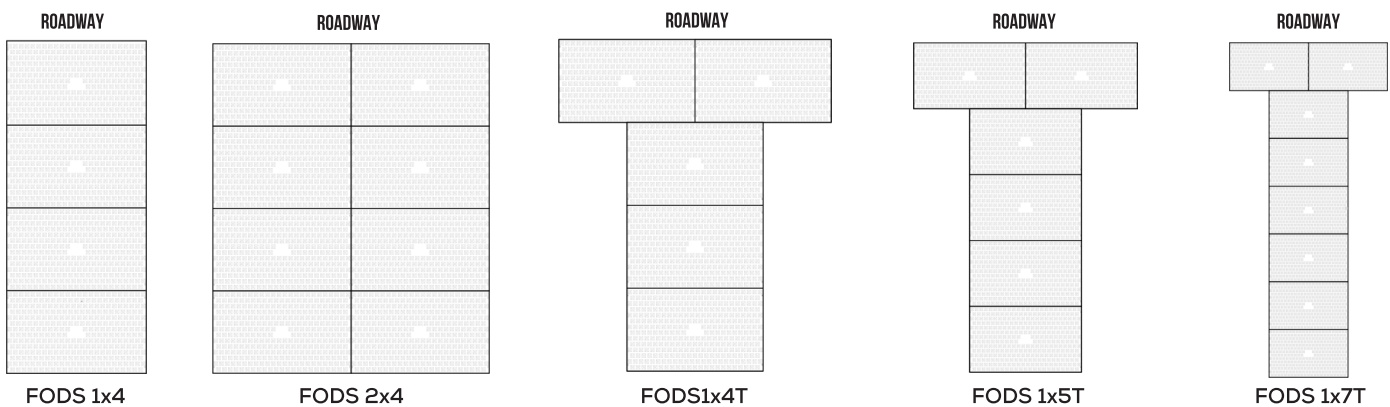
QTY	Product Code	Product Description
14	5210	Long Steel Strap
2	5211	Short Steel Strap
14	5225	1/2" x 2" Bolt
14	5226	Nut for 1/2" Bolt
3	5250	H Bracket
10	5300	Washers & Hair Pin Clips

*FODS Hardware boxes are shipped in the center of the mats. FODS Hardware box contains the hardware required to complete a typical four mat installation. An eight mat installation will require 2 FODS Hardware

Recommended	Optional
Crescent Wrench	Impact Driver - with 3/4" socket adapter
Ratchet with 3/4" Socket	27lbs Demolition Hammer -with 5/8" Ground Rod Adapter
Sledge Hammer	Generator/Access to Power Source
Hammer	Extension Cord
Shovel	Concrete Drill with 3/4" Drill Bit
FODS Concrete Screw Anchor	FODS Mat Moving Tool
FODS Round Head Anchor	FODS Shovel
Form Stake	Concrete Sleeve Anchor
Concrete Anchor	Rocker Head Pry Bar for Anchors

*Recommended and optional anchors based on substrate.

COMMON ENTRANCE LAYOUTS



For drawings above visit www.getfods.com/layouts. For unique or custom installation layouts or installation questions please contact your distributor or FODS at 844-200-3637.



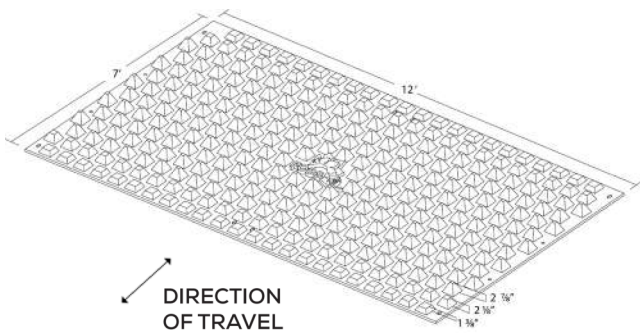
*****Before using earth anchors, call 811 for locates to mark underground utilities*****



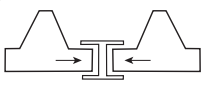
GETTING STARTED

MAT PLACEMENT

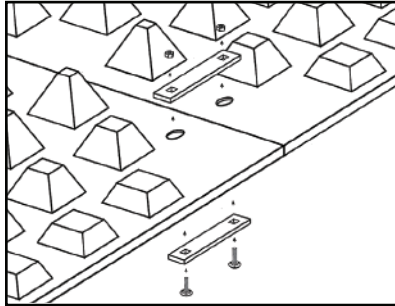
- 1) Mats should be placed near entry/exit to sites and/or furthest point of egress, and oriented 7' in the direction of travel with logo parallel to the entrance/exit.
- 2) Ground should be free and clear of large rocks and obstacles. Any low lying areas should be filled in and compacted to make the ground flat.
- 3) Unload mats and align a stack of 2 mats on flat ground.
- 4) Flip top mat over and leave space for placing the H-Bracket between the first and second mats.
- 5) Repeat with additional mats.
- 6) Use FODS hooks or equipment to position mats.



HARDWARE INSTALLATION

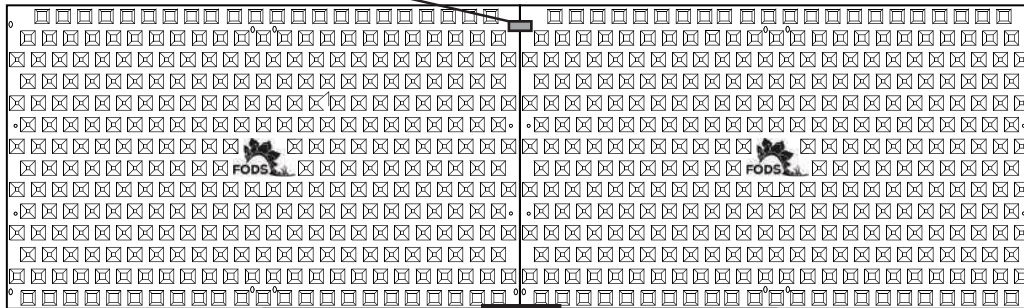
- 1) Angle H-Bracket so the opposite sides are slightly on the edge of the mat forming a diagonal (see photo).
- 2) Pull mats together so the edge of each mat is inside the H-Bracket. 
- 3) Once H-Brackets are in place connect mats using long steel straps.
- 4) Place one long strap under the side edge of mats that will be connected. Place other strap on top of the mats. Align holes. Push bolts upwards through mat and straps. Tighten nuts on both sides. See following page.
- 5) For Side By Side Installations (i.e. (2) mats, use short-straps to connect mats as shown in diagram on the following page.

1 X 4T - MAT CONFIGURATION

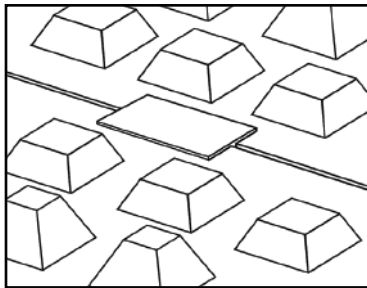


CONNECTING SHORT STRAPS

- 1) Connect mats together using 2 short steel straps
- 2) Place 1 short strap under two adjoining edges of the mats that will be connected.
- 3) Align holes
- 4) Place 1 short steel strap on top of the mat
- 5) Align holes
- 6) Push bolt upwards through mat and straps
- 7) Place nut onto upright bolt thread
- 8) Tighten nut

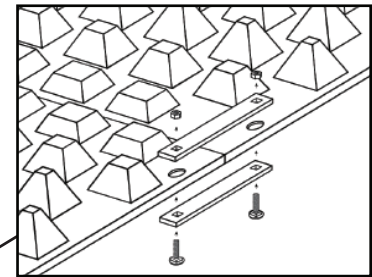
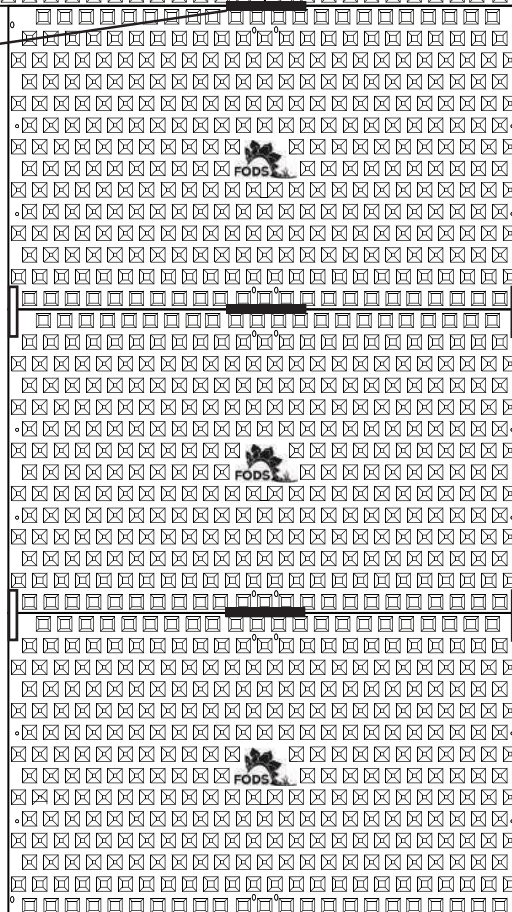
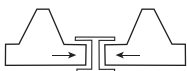


STREET
↑



PLACING H-BRACKETS

- 1) Use FODS hooks or equipment to position the first mat
- 2) Position H bracket in the center of 12' side of the first mat so that the lip of the mat is inside H-bracket
- 3) Pull the 12' side of the second mat's lip into the other side of the H-Bracket
- 4) Pull mats together

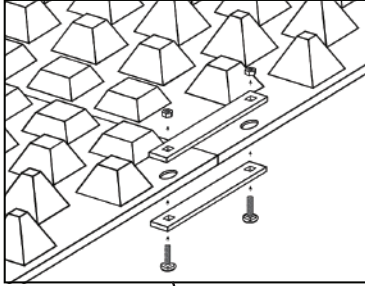


CONNECTING LONG STRAPS

- 1) Connect mats together using 2 long steel straps.
- 2) Place 1 long strap under two adjoining edges of the mats that will be connected.
- 3) Align holes
- 4) Place 1 long steel strap on top of the mat
- 5) Align holes
- 6) Push bolt upwards through mat and straps
- 7) Place nut onto upright bolt thread
- 8) Tighten nut

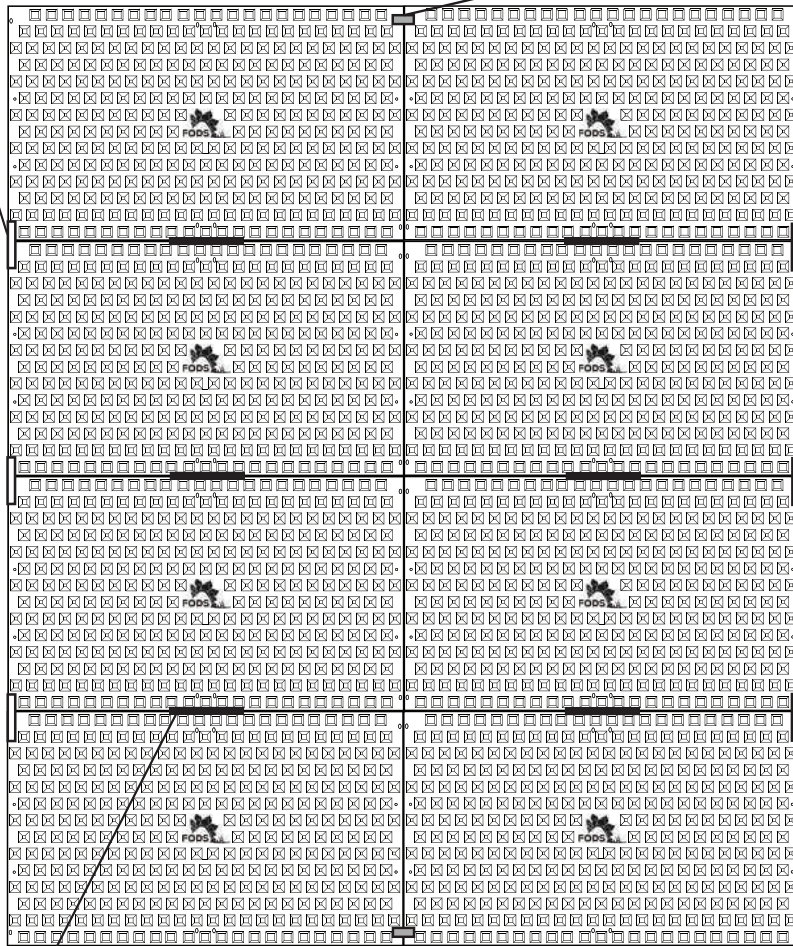
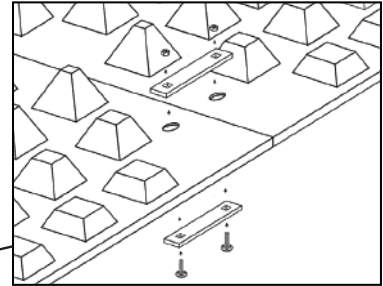
2 X 4 - MAT CONFIGURATION

CONNECTING LONG STRAPS

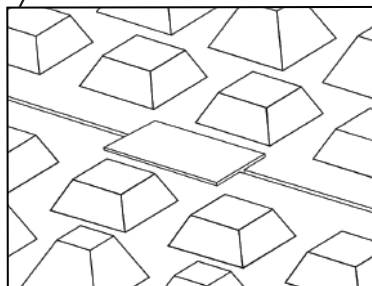


- 1) Connect mats together using short or long steel straps.
- 2) Place 1 strap under two adjoining edges of the mats that will be connected.
- 3) Align holes
- 4) Place 1 steel strap on top of the mat
- 5) Align holes
- 6) Push bolt upwards through mat and straps
- 7) Place nut onto upright bolt thread
- 8) Tighten nut

CONNECTING SHORT STRAPS



PLACING H-BRACKETS



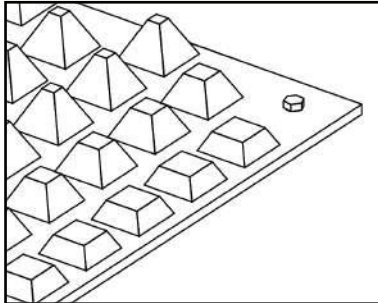
- 1) Use FODS hooks or equipment to position the first mat
- 2) Position H-bracket in the center of 12' side of the first mat so that the lip of the mat is inside H-bracket
- 3) Pull the 12' side of the second mat's lip into the other side of the H-Bracket
- 4) Pull mats together



ANCHORING

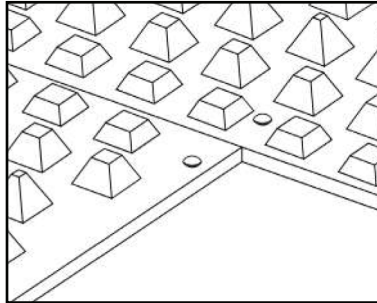
INSTALLATION ON ASPHALT, CONCRETE OR SOIL OPTIONS:

To ensure proper performance and safety, FODS Track out system must be anchored in place. Proper anchoring procedure will vary depending on use and substrate condition. Select anchor holes where mat is most flush with the ground. Anchoring options are sold separately.



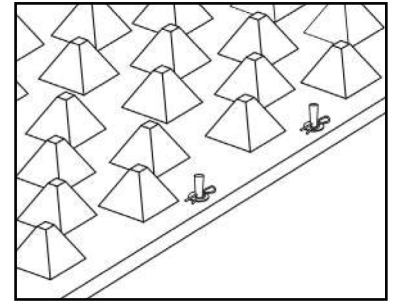
FODS CONCRETE SCREW

- 1) Insert drill bit through the mat's pre-fabricated holes where a concrete sleeve anchor will be placed.
- 2) Drill a hole into the asphalt or concrete, using a hammer drill with $\frac{3}{4}$ " carbide drill bit.
- 3) After the hole has been drilled to proper depth, remove debris.
- 4) Insert concrete sleeve anchor into hole.



FODS ROUND HEAD FORM STAKES

- 1) Place FODS Round Head Stake (recommended 2 stakes per mat minimum) into pre-fabricated holes at outer edges of mat .
- 2) Select anchor holes where mat is most flush with the ground.
- 3) Hammer stake into the ground until the stake head is snug against the mat.

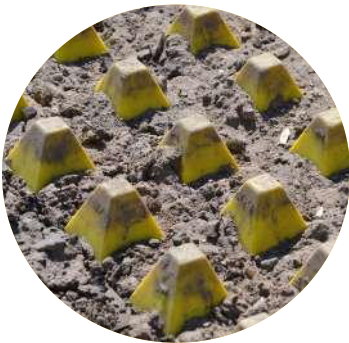


FORM STAKES

- 1) Place stake (recommended 2 stakes per mat minimum) into pre-fabricated holes at outer edges of mat .
- 2) To prevent mat from "riding up" on the stakes, place a washer over the stake and insert a hairpin clip through the top hole of the stake.
- 3) Hammer stake into the ground until hairpin clip is snug against the washer.
- 4) Stakes should be driven a minimum of 1" below tops of FODS pyramids.
- 5) 18" or 24" stakes recommended depending on soil structure.

MAINTENANCE

To ensure maximum system performance, FODS mats should be inspected and maintained as necessary. Mats should be cleaned once voids between the pyramids fill up with 2.5 inches of sediment above the base of the mat. Cleaning methods vary depending on soil type and available equipment. Commonly utilized cleaning techniques are a broom attachment or the manual FODS Shovel (specifically shaped to scoop between pyramids). It is recommended that sediment should be cleaned out horizontally across the twelve foot length of the mat. Other options include a street sweeper (requires adjusted bristle head), pressure washer (must have ability to contain water), or a water truck (must have ability to contain water).



FODS RESOURCES

Scan the qr code below to watch an install video, to learn more information on FODS Reusable Construction Entrance, including Technical Data Sheets, drawings, and additional resources, or to send us a picture.

TO SCAN OUR QR CODE

On your cellphone, activate your camera. Hold your phone up to the qr code. Click the url that pops up.

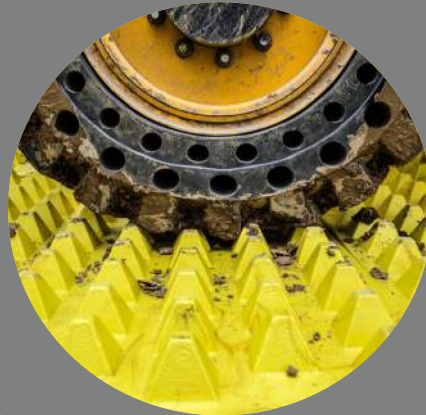


SEND US A PHOTO

Take a photo of your installed entrance or of the FODS in use and we will send you back some fantastic free FODS swag such as work vests, masks, t-shirts, coffee mugs, etc. Scan the qr code or email us at info@getfods.com to submit your photos. Thank you, in advance, for your submissions!

SCAN





Know what's below.
Call before you dig.

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