

MudPik Installation Guide and Instructions

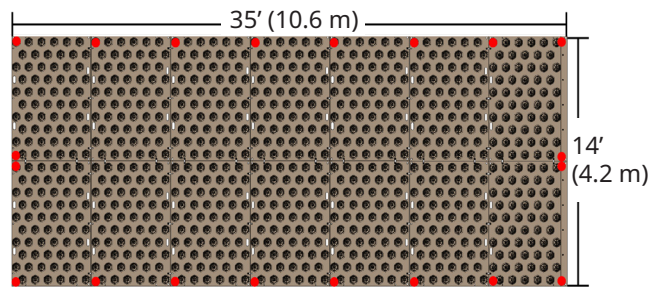
Recommended Tools

- Impact driver with 9/16 socket for ground stakes
- Drill/driver with 9/16 socket for connection plates, knobs, and rubber curb protection mat connection
- 1/2" (12.5 mm) drill bit to predrill for stakes if ground is frozen or rocky
- Hammer /sledge hammer if needed
- Shovel or equipment to level the substrate before assembling mats
- Manhole pick for minor adjustments during layout

Hardware Requirements

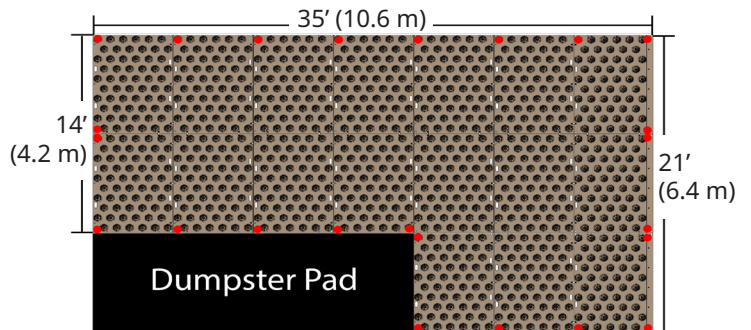
Basic

- 50 Connection plates
- 100 1/2" (12.5 mm) bolts
- 20 Stakes; See below for recommended staking locations
- Optional:
 - 2 rubber curb protection mats
 - 2 HDPE top plates
 - 10 1.25" (31.25 mm) bolts



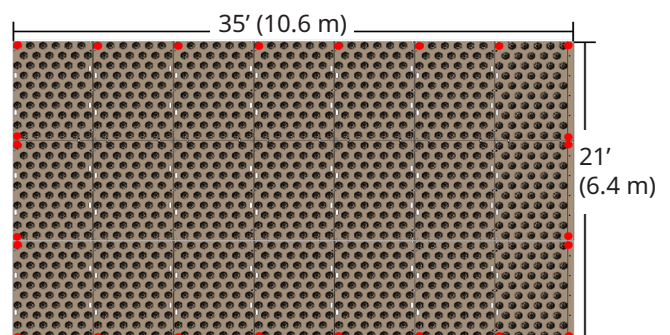
Residential Construction

- 62 Connection plates
- 124 1/2" (12.5 mm) bolts
- 24 Stakes; See below for recommended staking locations
- Optional:
 - 3 rubber curb protection mats
 - 3 HDPE top plates
 - 15 1.25" (31.25 mm) bolts



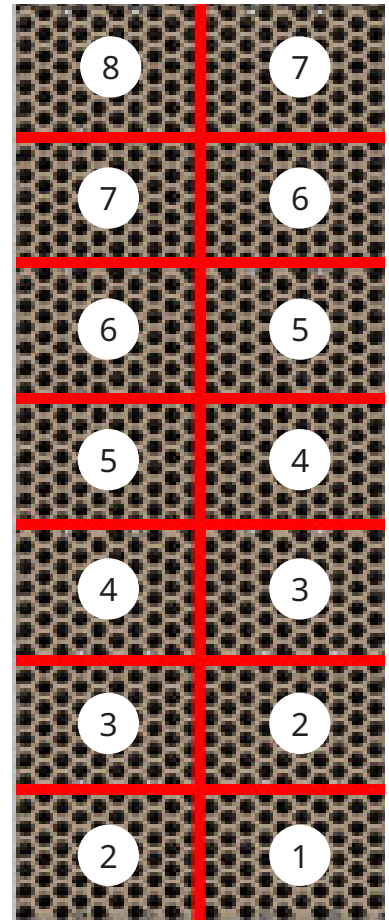
Heavy Civil Construction

- 82 Connection plates
- 164 1/2" (12.5 mm) bolts
- 24 Stakes; See below for recommended staking locations
- Optional:
 - 3 rubber curb protection mats
 - 3 HDPE top plates
 - 15 1.25" (31.25 mm) bolts



Installation instructions

1. Ground should be free and clear of obstacles.
2. Any low lying areas should be filled in, any high areas to be knocked down and compacted to make the ground flat.
3. Unload mats and align in the desired layout. Mats should be oriented so the 5' (1.5 m) side is parallel with the direction of travel.
4. As you layout the mats keep them 2" - 3" (50 mm - 75 mm) apart.
5. Using the drill and 1/2" (12.5 mm) bolts, loosely add connection plates to the two sides of mat #1 (see diagram).
6. Using manhole hooks or equipment, position the 2 mats labeled #2 and tighten the connection plate to both sets of mats. Hint: Go slow, make sure the mats are tight and the alignment is correct, this will make the next two steps go smoother.
7. Loosely add the connection plates to the sides of mats #2 that are adjacent to mats #3. Slide mats #3 tight to #2 and snugly tighten the connection plate to both sets of mats. Repeat steps for each set of mats until you have your desired layout.
8. Optional: Curb Protection Mat (CPM)
 - Remove the front row of knobs (5 on each mat).
 - Layout the rubber curb protection mats at the front of the construction entrance, aligning the holes on the CPM and Trackout Protection Mat (TPM), overlapping approximately 5" (125 mm).
 - Place the HDPE top plate on top of the CPM, aligning the holes with both the CPM and the TPM.
 - Place the 1.25" (31.25 mm) bolts in each of the 5 holes and tighten until they are snug. (Do not overtighten.)
9. To ensure proper performance MUDPIK mats must be anchored to the substrate. Proper anchoring is for safety and functionality. Anchoring types will vary depending on use and substrate condition. We recommend anchor stakes. Anchor Stakes are sold separately in the MudPik hardware kit. See recommended anchoring layout to the right.
 - Anchor Stakes – Use an impact with a 9/16" (14 mm) socket to tighten until the washer is snug against the Trackout Protection Mat.
 - *Hint: If the substrate is rocky or frozen, you can predrill the holes with a 0.5" (12.5 mm) drill bit.*



Please note that metal tracks are prohibited on MudPik.

