



INSTALLATION INSTRUCTIONS

Mid-Profile Roll Grate 3/4" & Roll Up Tread 1/2"

Guidelines:

Before any installation is started, be sure to verify:

- Model of tread and frame
- Size of tread and frame
- Product color
- That there are no visual defects or damage from shipment

Important: No returns will be accepted after the material has been installed.

Failure to follow these installation instructions may void your warranty.

Mad Matter Shallow Recessed Installation Instructions:

1. Prepare a recess in the concrete flooring at least 1/2" deep (for Roll Up Tread 1/2") or 3/4" deep (Mid-Profile Roll Grate 3/4") for frame. The designated cut out area will also be the outside frame dimension. Consult your shop drawing for proper depth and overall outside frame dimensions.
2. Drill holes in the frame at 18 to 24-inch intervals for the bolts/screws. Countersink the holes as the tread will set inside the frame. (This prevents tread from riding up.)
3. Set the frames into position within the recess. Mark the hole locations on the concrete. Remove the frames and drill holes in the floor for the anchors. Clean the concrete dust away and install the anchors.
4. Reinstall the frames using the appropriate anchor bolts. If needed, shim under the frame sections so the top edge of the frame is flush with the finished floor and level.
5. Secure the frame to the concrete bed (straight down) using anchor bolts or screws of choice that are set vertically. Stainless steel screws and plastic anchors may also be used.
6. Pour concrete (using non-shrinking grout) around the edges of the frame (if needed) and in the center of the frame, level with the inside lip of the frame.
7. Level the concrete. Use a board slightly smaller than the frame opening and level the concrete in each part of the recess. Make sure the concrete (using non-shrinking grout) is smooth and level with the leg of the frame so the tread lies perfectly flat and will not shift.
8. Before the concrete hardens, verify that the dimensions are correct, frame is square and level, and the frame corners are at correct angles, so the mat will fit properly. Verify the outside frame dimensions are identical to your shop drawing.

9. After concrete has hardened, install plywood into the recess to fully protect the frame edges until the entrance is opened and the mat is installed.
10. Clean all frames and recess before installing mat; debris cannot be tolerated between the frame and tread.

Recessed Mat Fabrication Instructions:

1. Place mat to be cut on sturdy tabletop surface. On one end of the table, fasten a straight edge bar or angle piece to serve as a stop edge for one end of the product. Be sure bar is square on the table.
2. Butt one end of the mat tight to bar fastened to table. Secure width of mat (traffic direction) to the table with screws in between drain holes of hinge.
3. Measure to desired length to be cut and mark product with fine tip black marker.
4. If trimming only 1/4" or so, cut carefully with a portable band saw. Prior to cutting it would be ideal to clamp an additional bar or straight edge to top of product to hold mat steady. If trimming more than 1/4" or so, a circular saw with a sturdy carbide-tipped blade would work just as well. Use a straight edge or angle piece for saw to travel against to achieve a nice even cut. **Be sure to clamp straight edge to product prior to cut.**
5. After cut, clean any smudges or markings with lacquer thinner. Remove set screws from cut-off pieces and install set screws to secure hinge in rails. Brush out ends of tread, then singe with a propane torch (on low setting).
6. Clean up product and return to service.

Recessed Rail Removal/Addition Instructions:

1. Use an H-3 (3/32") Hex Tip Bit Driver, or a 3/32" Allen Wrench Hex Key.
2. Install the driver bit in the tip of a cordless hand drill, screw gun, or use the wrench for manual removal.
3. Back out set screws in the sockets at the ends of the rails.
4. Slide rail forward to remove rail from mat.
5. Using the same process in reverse, reassemble and re-set screw remaining mat pieces together.