MATWORKS
PROTECT EVERY STEP

Installation Instructions
MatShield Pro™ System

PREPARATION

1. Ensure that the floor is clear of any debris, or dust, and/or dirt.
2. Unpack all materials that are provided from the kit.
3. Lay all materials flat on the floor (18” x 18” interlocking sections) and verify proper coverage and the total number of pieces against the engineering drawing prior to trimming the MatShield Pro section or cutting aluminum.

4. Determine dimensionally what the layout should be, trimming the minimal number of pieces to maintain a symmetrical and balanced appearance.

INSTALLATION

INSTALLATION OF ALUMINUM RAMP

1. Place aluminum stringer or ramp against the wall, threshold, or tape line to determine a straight edge to start.
2. Anchor bolt this row of stringers in place.
3. When installing this system, always work from top to bottom, which will keep the aluminum tight against the mat.
4. Drill through the designated holes in the aluminum into the floor using a 1/4" drill bit, 4" deep. Be sure to vacuum out the drill holes.
5. With a hammer or rubber mallet tap the 2.25" expansion anchor through the aluminum hole into the floor.
6. Using a screwdriver tighten the expansion anchor.
7. After installing this first piece of aluminum, work your way down the mat making sure the aluminum is snug to the mat but not to the point of the mat bending under too much pressure.
8. After all the aluminum is anchored to the floor, proceed to anchor the mat sections.

SCAN THE QR CODE TO ACCESS A QUICK INSTALLATION VIDEO AND ENSURE PROPER SETUP.

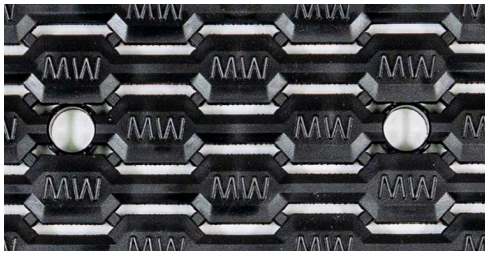
INSTALLATION OF MATSHIELD PRO

Iron Clip

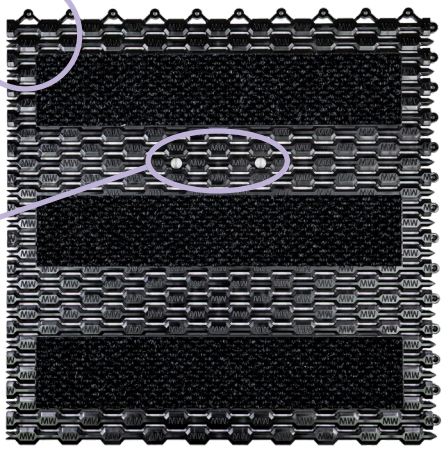
Anchor Screws

Hole Caps

Connectors to link tiles together



Holes for Iron Clip



MatShield Pro with Carpet

1. Begin by laying out your MatShield Pro tiles to cover the full area where the installation will occur. Interlock each 18" section together to create a continuous, stable surface. This step helps visualize the final layout and ensures complete coverage before anchoring.
2. Using a box cutter, trim off unneeded connectors to create a flush end. Use divider to transition to a butt-end threshold or in a recess.
3. Identify the four corners of your intended installation area. On each 18" corner tile, position the iron clip that will hold the anchor against the holes in the MatShield Pro. For added stability, you may choose to use additional anchors beyond the four corners. Installations requiring two or more cases, we suggested 2-4 anchors to be installed in the middle of the grid layout along with the corner anchors
4. Lie the section back down into its respected area.
5. Using the clips as guides, drill into the concrete at each marked location to create port holes.
   Important: After drilling, thoroughly remove all dust and debris from the holes to ensure a secure anchor fit.
6. Insert and tighten the anchor screws into the cleaned holes to secure the clips and tiles in place. If desired, you may place caps over the screw heads for a finished, streamlined appearance.

INSTALLATION OF MATSHIELD PRO

Indicates where anchors should be inserted for every installation

Indicates where additional anchors should be inserted for 2+ cases