Soft Grid™ and Ultra Entry™

Installation Instructions

Tool Requirements
Tape measure
Straight edge
Concrete penetrating bits
Screwdriver and/or driver bits
Chop saw or hack saw
Caulk Line
Utility Knife
Hammer
Drill
Plastic anchor bolts
Stainless steel counter-sunk screws
Note: adhesive is not needed for Soft Grid or Ultra Entry installations.

Guidelines
Before any installation is started be sure to:
- Verify the product type
- Verify the product size
- Verify the product thickness
- Verify the product color
- Check for any visual defects or damage in shipment

Please note that we are not responsible for any re-installation costs if obviously defective products are installed. Therefore, for your own protection, we ask you to inspect the material for any apparent shortcomings before you start installing. Thank you.

1. Unpack and unroll mat sections and lay in a clean dry protected area to allow mats to acclimatize and relax. Depending on the duration of storage and the ambient temperature, this could take up to 24 hours.

2. When handling mats at any time during installation, take care to avoid dragging or rough handling, thus preventing possible stretching or distortion.

3. To ensure the mat retains a like-new appearance, install the mat just prior to the final inspection.

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10/28/05
4. Protect the frame from damage by installing plywood in the recess. Ensure the plywood is inserted under the lip of the frame to protect from crushing.

**NOTE:** No returns will be accepted after the material has been installed. Failure to follow these installation instructions may void your warranty.

**Frame installation**

1. Frames should be installed while related work is in progress.

2. Areas should be clean, level, and free of debris.

3. Install appropriate “J-Frame” or “R-Frame” around entire perimeter using plastic anchor bolts and stainless steel counter-sunk screws (screws and anchors not included).

4. Cut and set the frames (frames are shipped oversized) into position; tightly join all corners with 45-degree miter cuts. Mark hole locations on the concrete. Remove the frames and drill holes in the floor for the anchors. Clean the concrete dust away and install plastic anchors.

5. Reinstall the frames using the appropriate stainless steel counter-sunk screws. If needed, shim under the frame sections so the top edge of the frame is flush with the finished floor and level.

6. Position and align top of frame to be level with finished floor.

7. If specified, install “T-Section” divider perpendicular to traffic direction between Soft Grid/Ultra Entry sections within perimeter frame. Drill holes in the T-section divider at 18 to 24 inch intervals for screw. Countersink the holes. Use plastic anchor bolts and stainless steel counter-sunk screws to secure in proper location.

Note: If a 90-degree threshold is in place at entrance doors, it may be used in place of an “R” or “J” frame section at leading edge of mat. Abut frame sections tightly to the 90-degree threshold in this case.

**Mat installation**

1. Soft Grid and Ultra Entry mats must be rolled and allowed to acclimatize for 24 hours prior to installation at 65 degrees Fahrenheit.

2. Position Soft Grid/Ultra Entry panels inside frames. Panels must be laid out with serrated top ribs facing up and running perpendicular to traffic direction, smooth ribs should face down to floor.

3. Butt panel sections together tightly, but do not stretch, bunch, or pull the material. Beware of pattern repeat.
a. Ultra Entry material is supplied with three vinyl ribs on each side. For aesthetic purposes when butting one piece to another, remove one rib on one piece and two ribs on the other piece (if size of area will allow, otherwise “T” Divider is recommended between sections). When installed this practice will avoid six ribs in a row, and will provide a continuous look to the material.

4. Using a utility knife and a “T” square, trim panels to fit inside frame and beneath the protective top lip of the frame. Allow a 1/8” gap between finished mat and the inside edge of the frame below the lip on all sides for expansion. Do not concern yourself if the cut you have made passes through a bottom rib. Do not use bottom rib as your guide. Take particular care to keep the blade pressure light. Too much pressure can cause the blade to skate or break. Making several light passes works best.

5. Position both ends under edge of frame, and slide into position so that leading edge is under the lip of the frame.

6. Inspect installation to ensure there are no gaps and that all panels are laying flat. Retrim as needed.

Questions? Please call Mats Inc. for assistance.