



## I-Beam Aluminum Foot Grille 1-3/4"

### INSTALLATION INSTRUCTIONS BASEGRID GB-700 SERIES

#### **Guidelines:**

Before any installation is started, be sure to verify:

- Model of grid and frame
  - Size of grid and frame
  - Product color
  - 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.**

#### I-Beam Aluminum Foot Grille 1-3/4" [Installation Instructions:](#)

1. Prepare a recess in the concrete flooring (block out) where the grid will be installed. The recess should be at least 1" deeper than the total height of your grid and frame; consult your shop drawing for proper depth. Block out an area 6" wider than the outside dimensions of the frame in both directions. This will allow 3" on all sides to maneuver the frames into place.
2. Place the frame in the recess. Use shims to raise frame to exact height of finished floor and level the frame. **All frame corners are mitered.**
3. Pour concrete (using non-shrinking grout and coat is not recommended) around perimeter of frame. There must not be any free space between the grid and frame (or the pan if applicable) and the liquid cement.
4. Level the concrete. Frames without pans use a board slightly smaller than the frame opening and level the concrete in each section to be flush with the leg of the frame. It is important the concrete (using non-shrinking grout) is smooth and level with the lip of the frame so the grid lies perfectly flat and will not shift.
5. Ensure there will be no traffic of any kind on the frames during the drying period of the non-shrinking grout.
6. Before the concrete hardens, verify that the dimensions are correct and frame is square and level.
7. After concrete has hardened, install plywood into the recess to fully protect the frame edges until just before the entrance is opened and the grids are installed.
8. Clean the frames and recess before installing grids; debris cannot be tolerated between the frame and grid.

## BaseGrid GB-700 Series Replacement Instructions

1. Remove existing grids from recessed frame.
2. Thoroughly clean **ALL** debris from the level bed pit of the frame. Use a heavy duty scraper to aggressively scrape accumulated dirt from concrete surface. If pit is not properly cleaned, new grids will rock in place or shift and void warranty.
3. Thoroughly sweep or use a Shop-Vac to clean out loose debris.
4. Once entry pit is fully prepared, remove replacement grids from skid and piece into place.
5. Your new grids will give you quality floor protection if regularly and properly maintained.

## BaseGrid GB-700 Series Field Fabrication Instructions

1. Place grid 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 grid tight to bar fastened to table.
3. Measure to desired length to be cut and mark product with fine tip black marker. Remove black vinyl cushions on bottom of grid if needed for level cutting surface.
4. If trimming only 1/4" or so, cut carefully with a portable band saw. Prior to cutting, clamp an additional bar or straight edge to top of product to hold grid steady. If trimming more than 1/4" or so, a circular saw with a sturdy carbide-tipped blade will 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. If Phillip head screws have been cut off, re-install new screws as needed to secure tread in rails. Brush out ends of tread, then singe with a propane torch (on low setting).
6. Clean up product and return to service.

## **I-Beam Aluminum Foot Grille 1-3/4"Specs - GB 700**

### **GB 700 Series Recessed Foot Grille Specifications:**

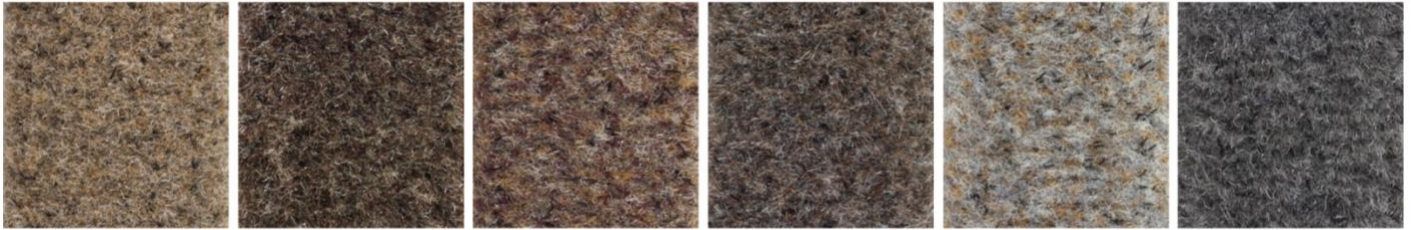
#### **MATERIAL MAKE-UP**

- 6063-T52 aluminum.
- Corrosion resistant aluminum spaced on 1-1/2" centers and connected with heavy duty aluminum cross beam gridlock system. 1" x 1/8" slotted holes for maximum drainage.
- Vinyl cushions at the bottom of each support beam helps absorb sound
- FootGrille Thickness: 1-3/4"
- Depth with Foot Grille and Frame: 2"
- Blade Spacing does not exceed 1/8"
- Blade Dimension 1-3/4"
- **Insert Options for Recessed Floor Mats:**
  - Mono Scrape Carpet Inserts
  - Poly Brush Inserts
  - Vinyl Inserts
  - Vinyl Abrasive Inserts
  - Serrated Aluminum Treads
- Standard load rating for Recessed Foot Grilles is 350 lbs./wheel rolling load.
- These Recessed Floor Mats have an optional recessed "L" frame.
- Ideal for medium to high traffic areas
- Please consult a sales representative for specific product line drawing profiles.

#### **FORMAT**

Recessed Foot Grille

## Carpet Insert Colors



Espresso

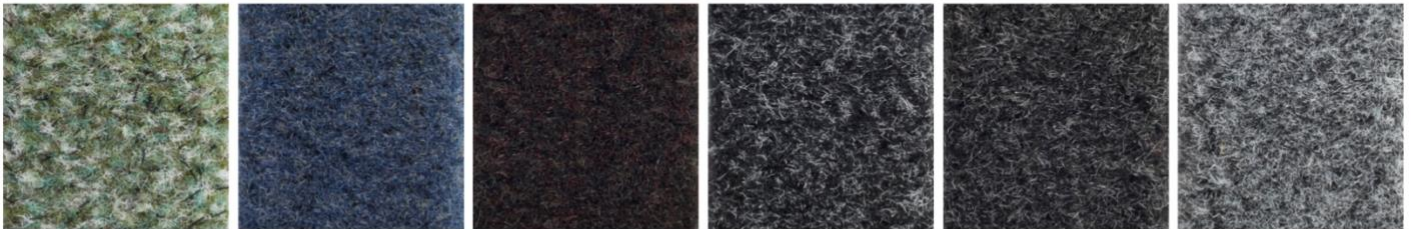
Suede

Java

Spice

Silvermine

Charcoal



Fernwood

Denim

Cast Iron

Black Iron

Onyx

Gray Castle



Shadow

## Poly-Brush Insert Colors

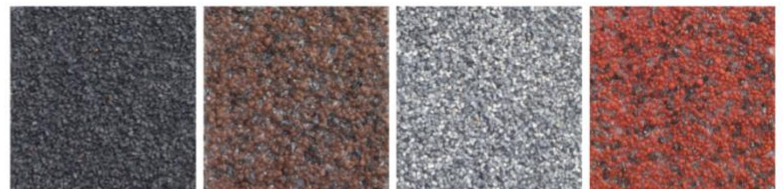


Charcoal

Chocolate Brown

Gray

## Abrasive Insert Colors



Black

Dark Brown

Gray

Brick Red

## Serrated Metal Insert



Serrated Metal

## Vinyl Insert Colors



Black

Brown

Gray



## Cleaning and Maintenance Instructions Recessed Aluminum Floor Mats

The following cleaning and maintenance instructions are for MB-300 , MB-400, GB-200, GB-500, GB-700

### General:

- During the winter season, remove product and clean rails once per week. During other seasons, once per month should be sufficient.
- Debris between the rails should be removed during the cleaning process. Each time the rails are cleaned, make sure there is no debris underneath in the recess; this will prevent product from warping due to an uneven substrate and prevent long-term problems. (Vacuuming is the most effective method for this cleaning.)
- If the units are above a drain, ensure that nothing is blocking the water flow to the drain.
- Never apply wax or other polishing products to the surface of the units; this would create a

potential hazard.

### Specifics:

- Clean aluminum surfaces with soap and hot water, then allow mat to dry.
- If applicable, periodically clean carpet and scraping inserts with a hot water extraction machine

to remove soil and restore pile.

### Exceptions (in addition to above):

- When cleaning products manufactured with rubber hinges (GB-200 Series, GB-500 Series, and MB-400 Series), inspect the hinges and locking mechanism to ensure that all parts are securely attached and are functioning properly. Any parts not functioning properly should be replaced to avoid further problems.
- A stainless-steel cleaner can be utilized, if desired, to maintain surface shine on GB products (stainless steel); Simple Green or Sheila Shine are good options. Just follow the manufacturer's directions on whatever cleaner is chosen.

## Warranty

The Mad Matter, Inc warrants to its purchasers, for a period of two years on standard products from the date of shipment, that any entrance floor mat or grid will be free of defects in workmanship and materials. The liability of The Mad Matter, Inc is strictly limited to repair or replacement of the product that, in our opinion, were properly installed and subsequently found defective. The warranty is not applicable if the mats or grids are damaged by overloading or if standard cleaning and maintenance procedures are not respected. No claims for consequential damages of any nature will be allowed. This warranty is in lieu of all other warranties, expressed or implied.

## **POTENTIAL LEED CREDITS**

### **for projects using Recessed Mats (based on LEED-NC, version 3)**

➤ **Indoor Environmental Quality Credit 5 (1 point): Indoor Chemical & Pollutant Source Control**

Recessed products are intended for permanent installation. To qualify for IEQ Credit 5, the product must be at least 10 feet in length in the primary direction of travel. Recessed products may contribute to LEED IEQ Credit 5.

➤ **Materials & Resources Credit 4 (1-2 points): Recycled Content**

Recessed products are manufactured from approximately 49% pre-consumer recycled content. Recessed Series products may contribute to LEED MR Credit 4.

- Recessed Series products with HD carpet or polybrush insert have 45.8% pre-consumer recycled content.
- Recessed Series products with all other inserts have 38.30% pre-consumer recycled content.

➤ **Materials & Resources Credit 5 (1-2 points): Regional Materials**

The manufacturing facilities are located in Minnesota, USA. Depending upon the project location, using these products may qualify for LEED MR Credit 5.