

G-1116 – 11/16” Buffed Tire Grating Installation & Maintenance

Prepare for Installation

1. Locate the packing slip(s) and shop drawings.
2. Verify that all products listed on the packing slip are included in the package.
3. Check the products for damage. If products are damaged, report a freight claim immediately and leave the products in their packaging. If you sign for products without reporting damage you waive your right to a freight claim and will be responsible for their replacement cost.
4. Read the instructions thoroughly before beginning installation.

Install the Frame

A flat floor and accurately installed frames are critical to the overall performance of the Grate.

1. Verify that the floor is flat within 1/8” over 10’. Floor must be flat to prevent damage to the mat / grate. Utilize a self-leveling compound (provide by others) if necessary to ensure a level floor surface.
2. Position the pre-cut and pre-mitered frame pieces on the floor as indicated on the shop drawings.
3. Mark the fastening point locations on the frames. The required locations are indicated on the shop drawings. Otherwise, evenly space the fastening points at a maximum distance of 24” on all sides of the frame. Drill and countersink 1/4” diameter holes at the marked locations.
4. Mark and drill 1/4” diameter holes in the floor for the anchors.
5. Using the provided anchors, secure the frame to the floor.

Install the Grate

1. Clean the recess thoroughly. Note that debris will cause irregularities in the recess that may cause the mat to rock or create a tripping hazard.
2. Consult drawings to determine the correct locations of the grate sections.
3. Set grates into the recess.
4. Save the installation and maintenance instructions and include them with the closeout documentation for the owner and maintenance personnel.

Install the Mat

1. Clean the recess thoroughly. Note that debris will cause irregularities in the recess that may cause the mat to rock or create a tripping hazard.
2. Consult drawings to determine the correct locations of the mat sections. Mats provided in multiple sections in the traffic direction will include an additional hinge for combining the sections.
3. Unroll the mat inside the frame. Push the mat tightly up against one side of the frame. Trim the attached vinyl filler to ensure a tight fit in the recess.
4. Save the installation and maintenance instructions and include them with the information that will be passed on to the owner or maintenance personnel.



Continued maintenance is critical to the long term safety and performance of the mat / grate. Remove the mat / grate and clean the recess periodically to prevent the surface from becoming uneven. Debris build up within the recess could lead to deflection in the grate and may possibly cause tripping hazards.

Clean the Treads

The type and schedule of maintenance of your grate or mat will depend upon location and amount of traffic. See the outline below for cleaning instructions for the variety of tread insert materials.

Buffed Tire Rubber – G1532 & G1116

- Use a mild detergent and water to damp mop the rubber treads. To remove caked on mud, use a stiff brush.
- **Do not use petroleum-based products to clean rubber.** These types of solvents will damage or fade the treads.

Follow the tread maintenance instructions to ensure the long life of the grate tread. Contact Amarco Products for information on replacing damaged treads.