ARCHITECTURAL ENTRANCE MATS, GRATES & GRILLES

Division 12 48 13
Entrance Floor Mats & Frames

Division 12 48 16
Entrance Floor Grilles

Division 12 48 19
Entrance Floor Gratings
INTRODUCTION

WHY CHOOSE AN ARCHITECTURAL ENTRANCE PRODUCT

Architects, Designers, and Facility Managers know that an effective entrance mat or grate system in building entrances keeps floor maintenance costs to a minimum, plus improves indoor air quality.

According to ISSA (The Worldwide Cleaning Industry Association) data, “facilities with foot traffic of up to 1,000 people per day will have approximately 24 pounds of soil tracked in during a 20-day period. Matting can reduce that number drastically. For example, six feet of matting at a facility’s entrance will remove 40 percent of soil, 12 feet of matting will remove 80 percent of soil and 36 feet of matting will remove 99 percent of soil.”

- Reduce the costs of injuries due to slipping accidents, by diverting moisture.
- Reduce the maintenance costs of interior floor by removing soil.
- Increase the life of interior flooring products by protecting them from wear.
- Improve indoor air quality by capturing pollutants.
- Permanently installed entrance systems provide years of durable service and meet ASTM/ANSI standards.

WARRANTY:

EG500 Series Stainless Steel Grilles - 5 years.
EM700 & 800, EG400, 600 & 900 - 2 years.

ADA, IBC, ASTM, ANSI

- ADA requires that openings in floor or ground surfaces not exceed ½” and that elongated openings be placed perpendicular to the direction of travel (section 302). All JL entrance products comply with those requirements. Section 302 also stipulates that that floor and ground surfaces must be stable and slip-resistant, but does not provide a minimum slip resistance value. In addition JL’s surface-mounted frames comply with the ADA standard in section 303 that changes in level of 1/2” must be beveled.

- IBC states only that “walking surfaces of the means of egress shall have a slip-resistant surface and be securely attached” without providing a minimum value.

- Committees from both ASTM (Pedestrian/Walkway Safety and Footwear) and ANSI (Standards Committee on Safety Requirements for Slip, Trip and Fall Prevention) are continuing to work towards developing slip resistance standards. There are currently no standards in the US that are accepted for testing the slip resistance of entrance mats and gratings.

LEED V4.1

ACTIV-GRATE EG400, EG600 AND EG900 SERIES
- a. MR Sources of Raw Materials Credit: 45.8% (carpet inserts) and 38.3% pre-consumer (all other).
- b. MR Regional Material Credit: Material must be manufactured within 100 miles of project location.
- c. IEQ Enhanced Indoor Air Quality Strategies Credit: Activ-Grate Series (EG400, EG600, EG900) is a LEED acceptable permanent entryway system if permanently installed and is of at least 10 feet in length and is maintained on a weekly basis.

ACTIV-MAT EM800 AND EM700 SERIES
- a. MR Sources of Raw Materials Credit: 45.8% (carpet inserts) 49% pre-consumer (all other).
- b. MR Regional Material Credit: Material must be manufactured within 100 miles of project location.
- c. IEQ Enhanced Indoor Air Quality Strategies Credit: Activ-Mat EM800 Series and Activ-Mat EM700 Series are LEED acceptable permanent entryway systems if permanently installed and is of at least 10 feet in length and is maintained on a weekly basis.

ACTIV-GRILLE EG500
- a. MR Sources of Raw Materials Credit: 80% post-consumer, 20% pre-consumer.
- b. MR Regional Material Credit: Material must be manufactured within 100 miles of the project location.
- c. IEQ Enhanced Indoor Air Quality Strategies Credit: Activ-Grille 500 Series are LEED acceptable permanent entryway systems if permanently installed and is of at least 10 feet in length and is maintained on a weekly basis.
SELECTING A MAT, GRATE OR GRILLE

**INDEX**
- **Activ-Mat™ 700** .................. 2
- **Activ-Mat™ 800** .................. 3
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- **Frame Options** ................... 8-11
- **Tread Colors** ..................... 12-13

Custom shapes, cutouts and special features available.

**SELECT BY WHEEL LOAD REQUIREMENT:**

<table>
<thead>
<tr>
<th>POUNDS PER WHEEL</th>
<th>SERIES</th>
<th>APPLICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>350</td>
<td>700, 800 Series</td>
<td>Luggage, Light Carts</td>
</tr>
<tr>
<td>400</td>
<td>900 Series</td>
<td>Light Carts</td>
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<tr>
<td>750</td>
<td>400 Series</td>
<td>Heavy Carts</td>
</tr>
<tr>
<td>1000</td>
<td>500, 600 Series</td>
<td>Heavy Carts</td>
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**SELECT BY INSTALLATION TYPE:**

<table>
<thead>
<tr>
<th>SURFACE MOUNT</th>
<th>FLOOR RECESS</th>
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<tbody>
<tr>
<td></td>
<td>7/16'' 1/2''</td>
</tr>
<tr>
<td>EM700</td>
<td>X</td>
</tr>
<tr>
<td>EM800</td>
<td>X</td>
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<tr>
<td>EG508</td>
<td></td>
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<tr>
<td>EG509</td>
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</tbody>
</table>

**SELECT FROM 6 DURABLE TREAD TYPES:** SEE PAGES 12-13 FOR MORE DETAILS ON THESE TREAD TYPES

- **Premium Carpet**
  - Super-Absorbent Scraping Fibers.

- **Tuff Tread™ Polypropylene Carpet**
  - Waterproof & Non-Absorbent for Heavy Soil.

- **Extruded Vinyl**
  - Waterproof, Non-Slip & Easy to Clean.

- **Serrated Aluminum**
  - Waterproof & Slip-Resistant.

- **Vinyl Abrasive**
  - Extremely Slip-Resistant.

- **Stainless Steel Grille**
  - Longest Life Cycle, Scraping & Low Maintenance.
ROLL-UP ENTRANCE MATS

ACTIV-MAT™ 700 SERIES:
LDPE HINGES, ECONOMICAL, LOW PROFILE, MEDIUM DUTY

The 700 Series mat combines the benefit of tread with aluminum scraping bars built into each rail to keep your building cleaner. Available as surface-mounted or recessed.

FEATURES:

- LDPE hinges that cushion each tread rail are quieter than aluminum hinges.
- Mat rolls up compactly for cleaning.
- Drainage holes between tread rails allows moisture and dirt to fall below mat.
- Add to existing entryway with the surface-mounted frame.

PRODUCT DETAILS:

- Rail Material: 6063-T6 extruded aluminum alloy
- Depth: 3/8" (9.5 mm).
- Standard Finish: Mill.
- Tread Spacing: 2" (50.8 mm) on center with 6 treads per foot in the direction of travel.
- Spacing Between Rails: Heelproof spacing of 3/16".
- Rolling Wheel Load Rating: 350 lbs

TREAD SELECTION:

- EM700 Premium Carpet Tread: Super-absorbent, stain-resistant 33 oz. nylon carpet for interiors, now with 10 mil scraping fibers added.
- EM701 Vinyl Tread: Full length vinyl serrations provide excellent traction for wet exterior or interior entry ways.
- EM702 Serrated Aluminum Tread: All aluminum construction with full-length serrations, nonflammable and waterproof for interior or exterior entry ways.
- EM704 Vinyl Abrasive Tread: Abrasive grit provides our highest coefficient of friction for interior installations.
- EM705 Tuff Tread™: Non-absorbent polypropylene carpet with tough 20 mil fibers is best at scraping shoes to remove dirt. Interior or exterior.
- EM710 Alternating: Two types of tread in an alternating pattern provide scraping combined with absorbent carpet for maximum building protection.

FRAME SELECTION:

- EFRA7 - Recessed Angle Frame: Angle frame for butting up to tile or carpet. 7/16" (11.1 mm) deep frame by 1/8" (3.2mm) profile.
- EFRC7 - Recessed Cast-In Place Frame: Cast-in-place recessed level-bed frame with mitered corners that connect quickly with corner keys. 1-3/8" (34.9mm) deep frame has 3/8" (9.5mm) recess with a ½” (12.7 mm) wide profile.
- EFSA7 - Surface Mounted Aluminum Frame: Surface-mounted tapered aluminum frame for installation by anchoring to floor. 3/8” (9.5 mm) deep by 1-7/8” (47.6 mm) gives traction to the full width of the mat.
- EFSV7 - Surface Mounted Vinyl Frame: Surface-mounted tapered frame for a moveable installation. 2” (50.8 mm) wide durable black vinyl with serrations to reduce slipping is attached mechanically to tread rails.
- EFST7 - Surface Mounted Vinyl Tray: Surface-mounted tapered vinyl frame with integral rubber tray under entire mat. Cleanup of debris that falls under the mat is easy, and protects flooring.
-EFR7 - Recessed Threshold Frame: Frame for transition to door threshold. 1/2” (12.7 mm) deep with 1-1/8” (28.6 mm) face and 1-1/2" extension under tread.

FINISH OPTIONS:

- Finish Type: Mill or Anodized
- Anodized Options: Clear, Light Bronze, Medium Bronze, Dark Bronze or Black
ROLL-UP ENTRANCE MATS

ACTIV-MAT™ 800 SERIES:
ALUMINUM HINGES, LOW PROFILE, MEDIUM DUTY

The durable 800 series with aluminum hinges stands up to dirt with both the tread of your selection and aluminum scraping bars built-in to each rail. The 800 series can be surface-mounted or recessed.

Features:
- Aluminum hinges are more durable than vinyl hinges.
- Mat rolls up compactly for cleaning.
- Dirt and moisture fall through drainage holes between tread rails.
- Add to existing entryway with the surface-mounted frame.

PRODUCT DETAILS:

| Rail Material: | 6063-T6 extruded aluminum alloy |
| Depth: | 3/8" (9.5 mm) |
| Standard Finish: | Mill |
| Tread Spacing: | 2" (50.8 mm) on center with 6 treads per foot in the direction of travel. |
| Spacing Between Rails: | Heelproof spacing of 3/16" |
| Rolling Wheel Load Rating: | 350 lbs |

TREAD SELECTION: SEE PAGE 12-13 FOR MORE DETAILS

- **EM800 Premium Carpet Tread**: Super-absorbent, stain-resistant 33 oz. nylon carpet for interiors, now with 10 mil scraping fibers added.
- **EM801 Vinyl Tread**: Full length serrations provide excellent traction for wet interior entry ways.
- **EM802 Serrated Aluminum Tread**: All aluminum construction with full-length serrations, nonflammable and waterproof for interior or exterior entry ways.
- **EM804 Vinyl Abrasive Tread**: Abrasive grit provides our highest coefficient of friction for interior installations.
- **EM805 Tuff Tread™**: Non-absorbent polypropylene carpet with tough 20 mil fibers is best at scraping shoes to remove dirt. Interior or exterior.
- **EM810 Alternating**: Two types of tread in an alternating pattern provide scraping combined with absorbent carpet for maximum building protection.

FRAME SELECTION: SEE PAGE 8-11 FOR MORE DETAILS

- **EFRA8 - Recessed Angle Frame**: Angle frame for butting up to tile or carpet. 7/16" (11.1 mm) deep frame by 1/8" (3.2mm) profile.
- **EFRC8 - Recessed Cast-In Place Frame**: Cast-in-place recessed level-bed frame with mitered corners that connect quickly with corner keys. 1-3/8" (34.9mm) deep frame has 3/8" (9.5mm) recess with a ½" (12.7 mm) wide profile.
- **EFS8 - Surface Mounted Aluminum Frame**: Surface-mounted tapered aluminum frame for installation by anchoring to floor. 3/8" (9.5 mm) deep by 1-7/8" (47.8 mm) gives traction to the full width of the mat.
- **EFSV8 - Surface Mounted Vinyl Frame**: Surface-mounted tapered frame for a moveable installation. 2" (50.8 mm) wide durable black vinyl with serrations to reduce slipping is attached mechanically to tread rails
- **EFST8 - Surface Mounted Vinyl Tray**: Surface-mounted tapered vinyl frame with integral rubber tray under entire mat. Cleanup of debris that falls under the mat is easy, and protects flooring.
- **EFRT8 - Recessed Threshold Frame**: Frame for transition to door threshold. 1/2" (12.7 mm) deep with 1-1/8" (28.6 mm) face and 1-1/2" extension under tread.

FINISH OPTIONS:

- Finish Type: Mill or Anodized
- Anodized Options: Clear, Light Bronze, Medium Bronze, Dark Bronze or Black
ROLL-UP ENTRANCE GRATE

ACTIV-GRATE™ 400 SERIES:
LDPE HINGES, HEAVY DUTY

JL introduces the new heavy-duty 400 series for heavy foot and cart traffic with a 750 lb wheel load rating. Densely-spaced treads provide more tread surface area than mats, to keep your building cleaner.

FEATURES:

- LDPE hinges keep grating quiet and cushion impact.
- Grating rolls up for easy cleaning beneath.
- Drainage holes between tread rails allows moisture and dirt to fall below grate.

PRODUCT DETAILS:

| Rail Material: 6063-T6 extruded aluminum alloy |
| Depth: 1/2” (12.7 mm). |
| Standard Finish: Mill. |
| Tread Spacing: 1-1/2” (38.1 mm) on center with 8 treads per foot in the direction of travel. |
| Spacing Between Rails: Heelproof spacing of 5/32”. |
| Rolling Wheel Load Rating: 750 lbs |

TREAD SELECTION: SEE PAGE 12-13 FOR MORE DETAILS

- EG400 Premium Carpet Tread: Super-absorbent, stain-resistant 33 oz. nylon carpet for interiors, now with 10 mil scraping fibers added.
- EG401 Vinyl Tread: Full length vinyl serrations provide excellent traction for wet exterior or interior entry ways.
- EG402 Serrated Aluminum Tread: All aluminum construction with full-length serrations, nonflammable and waterproof for interior or exterior entry ways.
- EG404 Vinyl Abrasive Tread: Abrasive grit provides our highest coefficient of friction for interior installations.
- EG405 Tuff Tread™: Non-absorbent polypropylene carpet with tough 20 mil fibers is best at scraping shoes to remove dirt. Interior or exterior.
- EG410 Alternating: Two types of tread in an alternating pattern provide scraping combined with absorbent carpet for maximum building protection.

FINISH OPTIONS:

- Finish Type: Mill or Anodized
- Anodized Options: Clear, Light Bronze, Medium Bronze, Dark Bronze or Black
**ROLL-UP ENTRANCE GRATE**

**ACTIV-GRATE™ 600 SERIES:**
**LDPE HINGES, MAXIMUM LOAD CAPACITY, RECESSED**

Designed for wheel loads of up to 1000 lbs, the tough 600 series grating can withstand heavy traffic. Recessed installation of this grating always provides a smooth transition to the interior of your building.

**FEATURES:**
- LDPE hinges keep grating quiet and cushion impact
- Drainage holes between tread rails allows moisture and dirt to fall below mat.
- Grate rolls up compactly for cleaning.

**PRODUCT DETAILS:**

| Rail Material: 6063-T6 extruded aluminum alloy | Depth: 3/4” (19 mm) |
| Standard Finish: Mill | Tread Spacing: 1-1/2" (38.1 mm) on center with 8 treads per foot in the direction of travel. |
| Spacing Between Rails: Heelproof spacing of 5/32”. | Rolling Wheel Load Rating: 1000 lb |

**TREAD SELECTION:** SEE PAGE 12-13 FOR MORE DETAILS

- **EG600 Premium Carpet Tread:** Super-absorbent, stain-resistant 33 oz. nylon carpet for interiors, now with 10 mil scraping fibers added.
- **EG601 Vinyl Tread:** Full length serrations provide excellent traction for wet interior entry ways.
- **EG602 Serrated Aluminum Tread:** All aluminum construction with full-length serrations, nonflammable and waterproof for interior or exterior entry ways.
- **EG604 Vinyl Abrasive Tread:** Abrasive grit provides our highest coefficient of friction for interior installations.
- **EG605 Tuff Tread™:** Non-absorbent polypropylene carpet with tough 20 mil fibers is best at scraping shoes to remove dirt. Interior or exterior.
- **EG610 Alternating:** Two types of tread in an alternating pattern provide scraping combined with absorbent carpet for maximum building protection.

**FRAME SELECTION:** SEE PAGE 8-11 FOR MORE DETAILS

- **EFR06 - Recessed Cast-In Place Frame:** Cast-in-place recessed level-bed frame with mitered corners that connect quickly with corner keys. 1-3/8” (34.9mm) frame has 3/4” (19.mm) recess for tread rail and 1/2” (12.7 mm) wide profile.
- **EFR06 - Recessed Angle Frame:** Angle frame for butting up to tile or carpet. 3/4” deep by 1/8” (3.2mm) profile.

**FINISH OPTIONS:**

| Finish Type: Mill or Anodized | Anodized Options: Clear, Light Bronze, Medium Bronze, Dark Bronze or Black |

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EG601 in Gray

EG600 in Pepper

EG602 Cross-Section

EG604 in Gray

EG605 in Mocha
ACTIV-GRATE™ 900 SERIES:
RIGID, HEAVY DUTY, RECESSED

The 900 grating is ideal for high traffic entryways, with a large capacity for capturing snow, dirt and moisture.

FEATURES:

• Achieve maximum scraping with densely spaced treads.
• Cushioned tread rails reduce noise from contact with concrete.
• Moisture and dirt fall below grating through drainage holes between tread rails.

PRODUCT DETAILS:

Material: 6063-T6 extruded aluminum alloy
Depth: 1-3/4" (44.5 mm)
Standard Finish: Mill
Tread Spacing: 1-1/2" (38.1 mm) on center with 8 treads per foot in the direction of travel.
Spacing Between Rails: Heelproof spacing of 1/8".
Rolling Wheel Load Rating: 400 lbs

TREAD SELECTION: SEE PAGE 12-13 FOR MORE DETAILS

EG900 Premium Carpet Tread: Super-absorbent, stain-resistant 33 oz. nylon carpet for interiors, now with 10 mil scraping fibers added.
EG901 Vinyl Tread: Full length vinyl serrations provide excellent traction for wet exterior or interior entry ways.
EG902 Serrated Aluminum Tread: All aluminum construction with full-length serrations, nonflammable and waterproof for interior or exterior entry ways.
EG904 Vinyl Abrasive Tread: Abrasive grit provides our highest coefficient of friction for interior installations.
EG905 Tuff Tread™: Non-absorbent polypropylene carpet with tough 20 mil fibers is best at scraping shoes to remove dirt. Interior or exterior.
EG910 Alternating: Two types of tread in an alternating pattern provide scraping combined with absorbent carpet for maximum building protection.

FRAME SELECTION: SEE PAGE 8-11 FOR MORE DETAILS

EFR9 - Recessed Angle Frame: Fully recessed frame with tapered angle for smooth transition from frame to the bottom of the recess.
EFRB9 - Recessed Frame: Fully recessed frame provides a stable base. The 3/8" recess between the frame base is to be leveled at the time of installation.
EFRC9 - Recessed Cast-In Place Frame: Cast-in-place recessed level-bed frame with mitered corners that connect quickly with corner keys. 1-15/16" (49.2mm) frame has 1-3/4" (44.4mm) recess for tread rail and 1/2" (12.7mm) wide profile.
EFRP9 - Recessed Deep Pit Frame: Cast-in-place recessed deep pit frame with mitered corners that connect quickly with corner keys. 4-1/4" (108mm) deep frame with 5/8" (15.9 mm) lip supporting the edges of the grating and adjustable height cross-supports providing edge-to-edge center support every 4” O.C. Profile is ½” (12.7 mm).

FINISH OPTIONS:

Finish Type: Mill or Anodized
Anodized Options: Clear, Light Bronze, Medium Bronze, Dark Bronze or Black
STAINLESS STEEL GRILLE

**ACTIV-GRILLE™ 500 SERIES:**
**HEAVY DUTY, LOW MAINTENANCE, RECESSED**

Enjoy the elegant look of low maintenance, long life stainless steel in your building entrance. Whether for a new building or retrofit of an existing facility, the stainless grille always provides an upgraded look.

**FEATURES:**
- Non-flammable.
- Heavy-duty installations – 1000 lbs
- 508 & 509 have hidden lockdown systems to secure the grilles
- High recycled metal content.

**PRODUCT DETAILS:**
- **Material:** Type 304 stainless steel.
- **Depth:** 3/8” (9.5 mm), 5/8” (15.88 mm) or 1-1/8” (28.58 mm).
- **Standard Finish:** #4 Satin.
- **Tread Spacing:** .233” (5.92mm) on center
- **Spacing Between Rails:** Heelproof spacing of .156” (3.6 mm)
- **Rolling Wheel Load Rating:** 1000 lbs

**GRILLE SIZES:**
- **EG503:** 3/8” (9.5 mm) profile (sections up to 7’8” x 4’0”).
- **EG508:** 5/8” (15.88 mm) profile (sections up to 7’8” x 4’0”).
- **EG509:** 1-1/8” (28.58 mm) profile (sections up to 8’10” x 4’0” each).
  Multiple Sections Can be Combined to Make Sizes to Order.

**FRAME SELECTION:** SEE PAGE 8-11 FOR MORE DETAILS
- **EFRA53 Recessed Frame:** Fully recessed frame provides a stable base. #4 Stainless Steel 1/2” deep frame for EG503.
- **EFRA58 Recessed Frame:** Fully recessed frame provides a stable base. #4 Stainless Steel 3/4” deep frame for EG508.
- **EFRA59 Recessed Frame:** Fully recessed frame provides a stable base. #4 Stainless Steel 1-1/4” deep frame for EG509.
**FRAME OPTIONS**

**EFRA: RECESSED ANGLE FRAME**

Angle frame for butting up to tile or carpet. End filler is provided at both ends to create a snug fit except in the EFRA5 & EFRA9 Line.

**FRAME OPTIONS**

<table>
<thead>
<tr>
<th>FRAME</th>
<th>FOR SERIES</th>
<th>DEPTH</th>
<th>PROFILE</th>
<th>MATERIAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>EFRA4</td>
<td>Activ-Grate™ EG400</td>
<td>7/16&quot; (11.1 mm)</td>
<td>1/8&quot; (3.2 mm)</td>
<td>Extruded aluminum 6063-T6 alloy</td>
</tr>
<tr>
<td>EFRA7</td>
<td>Activ-Mat™ EM700</td>
<td>7/16&quot; (11.1 mm)</td>
<td>1/8&quot; (3.2 mm)</td>
<td>Extruded aluminum 6063-T6 alloy</td>
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<tr>
<td>EFRA8</td>
<td>Activ-Mat™ EM800</td>
<td>7/16&quot; (11.1 mm)</td>
<td>1/8&quot; (3.2 mm)</td>
<td>Extruded aluminum 6063-T6 alloy</td>
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<tr>
<td>EFRA53</td>
<td>Activ-Grille™ EG503</td>
<td>9/16&quot; (14.3 mm)</td>
<td>1/8&quot; (3.2 mm)</td>
<td>#4 Stainless Steel</td>
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<tr>
<td>EFRA6</td>
<td>Activ-Grate™ EG600</td>
<td>3/4&quot; (19 mm)</td>
<td>1/8&quot; (3.2 mm)</td>
<td>Extruded aluminum 6063-T6 alloy</td>
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<tr>
<td>EFRA58</td>
<td>Activ-Grille™ EG508</td>
<td>3/4&quot; (19 mm)</td>
<td>1/8&quot; (3.2 mm)</td>
<td>#4 Stainless Steel</td>
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<tr>
<td>EFRA59</td>
<td>Activ-Grille™ EG509</td>
<td>1-1/4&quot; (31.8 mm)</td>
<td>1/8&quot; (3.2 mm)</td>
<td>#4 Stainless Steel</td>
</tr>
<tr>
<td>EFRA9</td>
<td>Activ-Grate™ EG900</td>
<td>1-7/8&quot; (47.6 mm)</td>
<td>1/8&quot; (3.2 mm)</td>
<td>Extruded aluminum 6063-T6 alloy</td>
</tr>
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</table>

**EFRB: RECESSED BLOCK FRAME**

Fully recessed frame provides a stable base. The 3/8" recess between the frame base is to be leveled at the time of installation.

<table>
<thead>
<tr>
<th>FRAME</th>
<th>FOR SERIES</th>
<th>DEPTH</th>
<th>PROFILE</th>
<th>MATERIAL</th>
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</thead>
<tbody>
<tr>
<td>EFRB9</td>
<td>Activ-Grate™ EG900</td>
<td>2&quot; (50.8 mm)</td>
<td>1/8&quot; (3.2 mm)</td>
<td>Extruded aluminum 6063-T6 alloy</td>
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</tbody>
</table>
**EFRC: RECESSED CAST-IN PLACE FRAME**

Cast-in-place recessed level-bed frame with mitered corners that connect quickly with corner keys. End filler is provided at both ends to create a snug fit except in the EFRC9 Line.

**FRAME OPTIONS**

**EFRP: RECESSED DEEP PIT FRAME**

Cast-in-place recessed deep pit frame with mitered corners that connect quickly with corner keys. 4-1/4” (108mm) deep frame with 5/8” (15.9 mm) lip supporting the edges of the grating and adjustable height cross-supports providing edge-to-edge center support.

### FRAME OPTIONS

#### EFRC: RECESSED CAST-IN PLACE FRAME

- **EFRC6** Activ-Grate™ EG600
- **EFRC7** Activ-Mat™ EM700
- **EFRC8** Activ-Mat™ EM800
- **EFRC9** Activ-Grate™ EG900

#### EFRP: RECESSED DEEP PIT FRAME

- **EFRB9** Activ-Grate™ EG900

#### Frame Details

<table>
<thead>
<tr>
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<td>1-3/16” (30.2 mm)</td>
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<tr>
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<td>1/2&quot; (12.7mm)</td>
<td>Extruded aluminum 6063-T5 alloy</td>
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</tbody>
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FRAME OPTIONS

EFST: SURFACE-MOUNTED VINYL TRAY

Surface-mounted tapered vinyl frame with integral rubber tray under entire mat. Clean up of debris that falls under the mat is easy, and protects flooring. Order in full tread-width increments.

<table>
<thead>
<tr>
<th>FRAME</th>
<th>FOR SERIES</th>
<th>DEPTH</th>
<th>PROFILE</th>
<th>MATERIAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>EFST7</td>
<td>Activ-Mat™ EM700</td>
<td>3/8&quot; (9.5 mm)</td>
<td>2&quot; (50.8 mm)</td>
<td>Vinyl Frame 100% Recycled Rubber Tray</td>
</tr>
<tr>
<td>EFST8</td>
<td>Activ-Mat™ EM800</td>
<td>3/8&quot; (9.5 mm)</td>
<td>2&quot; (50.8 mm)</td>
<td>Vinyl Frame 100% Recycled Rubber Tray</td>
</tr>
</tbody>
</table>

EFSA: SURFACE-MOUNTED ALUMINUM FRAME

Surface-mounted tapered aluminum frame for installation by anchoring to floor. End filler is provided at both ends for a snug fit.

<table>
<thead>
<tr>
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<th>PROFILE</th>
<th>MATERIAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>EFSA4</td>
<td>Activ-Grate™ EG400</td>
<td>1/2&quot; (12.7 mm)</td>
<td>2&quot; (50.8 mm)</td>
<td>Extruded aluminum 6063-T5 alloy</td>
</tr>
<tr>
<td>EFSA7</td>
<td>Activ-Mat™ EM700</td>
<td>1/2&quot; (12.7 mm)</td>
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<td>Extruded aluminum 6063-T5 alloy</td>
</tr>
</tbody>
</table>
### EFSV: SURFACE-MOUNTED VINYL FRAME
Surface-mounted tapered frame for a moveable installation. 2” (50.8 mm) wide durable black vinyl with serrations to reduce slipping is attached mechanically to tread rails. **Order in full tread-width increments.**

<table>
<thead>
<tr>
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<th>DEPTH</th>
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<th>MATERIAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>EFSV7</td>
<td>Activ-Mat™ EM700</td>
<td>3/8” (9.5 mm)</td>
<td>2” (50.8 mm)</td>
<td>Vinyl</td>
</tr>
<tr>
<td>EFSV8</td>
<td>Activ-Mat™ EM800</td>
<td>3/8” (9.5 mm)</td>
<td>2” (50.8 mm)</td>
<td>Vinyl</td>
</tr>
</tbody>
</table>

### EFRT: THRESHOLD FRAME
Aluminum frame for transition to door threshold. 1/2” (12.7 mm) deep with 1-1/8” (28.6 mm) face and 1-1/2” extension under tread.

<table>
<thead>
<tr>
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<th>MATERIAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>EFRT4</td>
<td>Activ-Grate™ EG400</td>
<td>1/2” (12.7 mm)</td>
<td>1/8” (28.6 mm)</td>
<td>Extruded aluminum 6063-T6 alloy</td>
</tr>
<tr>
<td>EFRT7</td>
<td>Activ-Mat™ EM700</td>
<td>1/2” (12.7 mm)</td>
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<td>Extruded aluminum 6063-T6 alloy</td>
</tr>
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<td>EFRT8</td>
<td>Activ-Mat™ EM800</td>
<td>1/2” (12.7 mm)</td>
<td>1/8” (28.6 mm)</td>
<td>Extruded aluminum 6063-T6 alloy</td>
</tr>
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</table>

### EFRD: RECESSED T-DIVIDER
Frame piece designed to provide a transition between sections with traffic directions running perpendicular to one another.

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<th>PROFILE</th>
<th>MATERIAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>EFRD4</td>
<td>Activ-Grate™ EG400</td>
<td>1/2” (12.7 mm)</td>
<td>3/16” (4.8 mm)</td>
<td>Extruded aluminum 6063-T6 alloy</td>
</tr>
<tr>
<td>EFRD7</td>
<td>Activ-Mat™ EM700</td>
<td>1/2” (12.7 mm)</td>
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<td>Extruded aluminum 6063-T6 alloy</td>
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<td>Extruded aluminum 6063-T6 alloy</td>
</tr>
</tbody>
</table>
TREAD INSERTS - CARPET & BRUSH

PREMIUM CARPET TREAD:
Our most absorbent and extremely durable carpet tread for interiors is designed to clean and dry shoes, and trap moisture. Premium 33 oz woven, solution-dyed nylon with black 10 mil monofilament fibers added for better scraping. Tread is secured to tread rails.

Denier: 17 (3700 Denier) Static Coefficient of Friction:: Dry .85, Wet .51 Models: 400, 600, 700, 800, 900
Pile Height: 1/4” Properties: Anti-Stain, Anti-Static, Anti-Microbial, Colorfast Yard Weight: 33 oz/yd2

TUFF TREAD™ WATERPROOF BRUSH TREAD:
For interior or exterior use in high traffic entrances; does not absorb moisture, resists traffic pattern wear, and stands up to weather. Constructed of crimped, polypropylene fibers that are large, stiff, chisel shaped and widely spaced. 20-mil scraping fibers that are bonded to the backing and secured to tread rails. Tuff tread is colorfast, provides lower life cycle costs than carpet.

Denier: 600 (4500 Denier) Static Coefficient of Friction: Dry .78, Wet .71 Models: 405, 605, 705, 805, 905
Pile Height: 1/4” Properties: Non-absorbent, UV Blockers, Colorfast Yard Weight: 33 oz/yd2

ALTERNATING TREAD:
Two types of tread in an alternating pattern provide scraping combined with absorbent carpet for maximum building protection. Our Premium Carpet Tread coupled with the Serrated Aluminum Tread add to the lifetime of your floors and reduces accidents.
SERRATED VINYL TREAD:
Use this waterproof tread with continuous striations for high-traffic, wet exterior or interior entryways. Extruded vinyl tread is mechanically secured to tread rails.

Static Coefficient of Friction: Dry .88, Wet .73
Models: 401, 601, 701, 801, 901
Properties: Dual durometer

VINYL ABRASIVE TREAD:
Use this tread with factory-applied abrasive grit that gives extra friction for high-traffic, interior entryways. Constructed of abrasive grit tape-bonded to a rigid PVC plastic tread insert that is secured to tread rails.

Static Coefficient of Friction: Dry .75, Wet .80
Models: 404, 604, 704, 804, 904

SERRATED ALUMINUM TREAD:
This all aluminum tread is ideal for high-traffic or wet interior entryways

Standards: Meets NFPA 253 & FTM Standard 372
Models: 402, 602, 702, 802, 902
Properties: Nonflammable

FRAME FINISHES:
Aluminum: See Serrated Aluminum Tread for finish color options.
Stainless Steel: 304 Steel comes in a #4 finish.

SAMPLE REQUESTS:
Colors shown in this catalog are approximate. Contact us at sales@activarcpg.com to request a sample.
UNDERSTANDING YOUR ORDERS PART NUMBER

ENTRANCE MAT/GRATE PART NUMBERS

Product Type - Two Letters
Series - Two Digits
Tread Options - One Digit
Finish - One Digit
Dimension Width - Ends in One Letter
Dimension Traffic - Ends in One Letter
Compatible Mat/Grate - One Digit
Features - Two Letters
Finish - One Digit
Cutouts - One Letter
Tread Color - Two Digits
Identifier - One Digit
Dimension Width - Ends in One Letter
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ENTRANCE FRAMES PART NUMBERS

Product Type - Two Letters
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Finish - One Digit
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SEE OUR PART NUMBER GUIDE AT WWW.ACTIVARCWG.COM FOR MORE INFORMATION

HELPS KEEP YOUR BUILDING CLEANER AND PROTECTS YOUR FLOORING INVESTMENTS

SEE OUR FULL PRODUCT OFFERING FROM DIVISIONS 7, 8, 10, 11, 12, 21 AND 23 ON OUR WEBSITE.