

Installation Instructions BaseGrille SS-800 Series General

These instructions supersede any verbal or written instructions from Base Specialties, Inc. representatives. Failure to follow these installation instructions may void your warranty.

Introduction:

- This product must be installed by an installer with a minimum of five years of proven experience in performing work similar to that required for the product. Acceptable certifications include The International Standards and Training Alliance (INSTALL), The International Certified Floorcovering Installers Association (CFI), and Flooring American University.

Delivery:

- Order materials in compliance with product supplier's ordering and lead time requirements in order to take delivery at least 48 hours in advance of installation (to allow materials to acclimate to job site conditions).
- Accept delivery of materials only if they are in unopened, undamaged packaging that bears the name and brand of the manufacturer or supplier and project identification.

Storage:

- Store material in original packaging in areas that are enclosed and weather tight with permanent HVAC system set at a temperature between 65° F and 80° F for a minimum of 48 hours prior to commencement of installation.
- **If material is distorted during storage or transporting, do not attempt to install it.**

Materials and Accessories Required:

- **Flooring:** Provided BaseGrille Stainless Steel panels.
- **Frame:** Provided BaseGrille Stainless Steel frame to be installed in a recess.
- **Other:** Recess wood forms, concrete, drill, 5/16" masonry bit, 1/2" masonry bit, waterproof self-leveling grout, furnished product appropriate hardware (screws, anchors, hex key wrenches), basic hand tool (hammer, Phillips screwdriver, bit).

- The flooring dealer or contractor shall provide a layout drawing for the intended installation that contains the following information:
 - Date and scale of drawing
 - Location, swing, and clearance of all doors
 - Name of manufacturer, product style and pattern to be installed
 - Product quantities required
- The end user shall be provided a copy of the layout drawing for approval prior to installation.

Substrate Preparation:

Concrete Substrates and Subfloors:

- Floor laying work shall not begin until the installer has assessed and approved the substrate and subfloor conditions.

Floor Recess:

- Use wooden forms to prepare a recess in the concrete flooring (block out) where the foot grille will be located. The recess shall be at least 1-1/4" depth for 1-1/8" grate and 3/4" for 5/8" grate to final finished floor surface.
- For grilles without a frame, recess should be made to overall size of grate plus 1/16" on all sides for clearance.
- 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.
- The frame's exposed surface must be flush with the finished floor.

Installation Instructions:

1. Frame:

A. Set Frame:

1. Place the frame in the recess.
2. Use shims to raise the frame to the exact height of the finished floor and level the frame.
3. Before fastening, double check height is level and assembly is even and square.
4. Clean the recess of all dirt and debris.

B. Grout:

1. Grout the concrete pit to bring the bottom of recess flush with top of lower frame, using a waterproof self-leveling grout. (Recommended brands include: Quikrete #1585 mixed with #8610 Acrylic Fortifier or VinylCrete with Acrylic Fortifier).
2. Pour and level grout using horizontal ledge of frame opening as screed points.
3. Make sure the concrete is smooth and level with the lip of the frame to ensure proper grate installation, alignment and to prevent tripping.
4. Allow the grout to cure prior to inserting the grate.

2. Grid:

A. BaseGrille SS-838 with surface lockdowns

1. Locate the built-in lock-down tabs on the stainless panels.

2. Carefully place the grid panels in the recess. Adjust fit as needed and place exactly for final location.
3. Dip one end of 1/4" hex key in puddle of pen ink or marking paint. Carefully feed wrench through the tab and mark cement floor at center keyhole. These will be the location spots to install the 1/4-20 machine screw anchors.
4. Carefully remove panels from the recess. Keep in mind that these panels are not interchangeable. They will need to be re-installed in identical locations after the anchors are placed.
5. At the marked locations on the floor, drill with a 1/2" masonry drill to the proper depth to fit anchor.
6. The holes must be free of dust and debris and oil prior to installing anchors.
7. Mix epoxy in separate tray and place adequate amount in each hole just prior to installing anchor. Preferred epoxy is Red Head Epcon A7 Fast Curing Acrylic.
8. Install anchor making sure the threaded part is upright and straight and free of excess epoxy.
9. After anchors have set in place and cured, carefully re-install panels in original positions.
10. Feed the 1/4-20 x 1" stainless screw through the tab and use a Phillips screw driver to tighten cap to hold panels in position.
11. Do not allow traffic of any kind on the grilles or frames during the drying period of the non-shrinking grout.
12. To avoid damage, grille sections should not be set in place until the end of the construction. However, if they must be set in place before construction ends, they must be covered with protective plywood.

B. BaseGrille SS-858 and BaseGrille SS-898 with hidden clips

1. Locate the built-in lock-down tabs on the stainless panels.
2. Carefully place the grid panels in the recess. Adjust fit as needed and place exactly for final location.
3. Dip one end of 1/4" hex key in puddle of pen ink or marking paint. Carefully feed wrench through the tab and mark cement floor at center keyhole. These will be the location spots to install the 1/4-20 machine screw anchors.
4. Carefully remove panels from the recess. Keep in mind that these panels are not interchangeable. They will need to be re-installed in identical locations after the anchors are placed.
5. At the marked locations on the floor, drill with a 1/2" masonry drill to the proper depth to fit anchor.
6. The holes must be free of dust and debris and oil prior to installing anchors.
7. Mix epoxy in separate tray and place adequate amount in each hole just prior to installing anchor. Preferred epoxy is Red Head Epcon A7 Fast Curing Acrylic.
8. Install anchor making sure the threaded part is upright and straight and free of excess epoxy.
9. After anchors have set in place and cured, carefully re-install panels in original positions.
10. Feed the 1/4-20 x 1" stainless screw through the tab and use a Phillips screw driver to tighten cap to hold panels in position.
11. Do not allow traffic of any kind on the grilles or frames during the drying period of the non-shrinking grout.
12. To avoid damage, grille sections should not be set in place until the end of the construction. However, if they must be set in place before construction ends, they must be covered with protective plywood.

Clean-up and Final Finish:

- Maintain the room temperature between 65° F and 80° F for 48 hours after installation. Thereafter, maintain temperature at a minimum of 55° F.
- Commercial vacuum to clear the area of debris and grit.
- Keep all traffic off flooring for 24 hours while it sets.
- Do not allow heavy traffic, such as rolling traffic or furniture, until 36 hours after installation.

Installation Instructions

BaseGrille SS-838 with surface holddowns

Guidelines:

Before any installation is started, be sure to verify:

- Model of grid and frame
- Size of grid and frame
- That there are no visual defects or damage from shipment

FAILURE TO FOLLOW THESE INSTALLATION INSTRUCTIONS MAY VOID YOUR WARRANTY.

1. Locate the built-in lock-down tabs on the stainless panels.
2. Carefully place the grid panels in the recess. Adjust fit as needed and place exactly for final location.
3. Dip one end of 1/4" hex key in puddle of pen ink or marking paint. Carefully feed wrench through the tab and mark cement floor at center keyhole. These will be the location spots to install the 1/4-20 machine screw anchors.
4. Carefully remove panels from the recess. Keep in mind that these panels are not interchangeable. They will need to be re-installed in identical locations after the anchors are placed.
5. At the marked locations on the floor, drill with a 1/2" masonry drill to the proper depth to fit anchor.
6. The holes must be free of dust and debris and oil prior to installing anchors.
7. Mix epoxy in separate tray and place adequate amount in each hole just prior to installing anchor. Preferred epoxy is Red Head Epcon A7 Fast Curing Acrylic.
8. Install anchor making sure the threaded part is upright and straight and free of excess epoxy.
9. After anchors have set in place and cured, carefully re-install panels in original positions.

10. Feed the 1/4-20 x 1" stainless screw through the tab and use a Phillips screw driver to tighten cap to hold panels in position.
11. Do not allow traffic of any kind on the grilles or frames during the drying period of the non-shrinking grout.
12. To avoid damage, grille sections should not be set in place until the end of the construction. However, if they must be set in place before construction ends, they must be covered with protective plywood.

Clean-up and Final Finish:

- Maintain the room temperature between 65° F and 80° F for 48 hours after installation. Thereafter, maintain temperature at a minimum of 55° F.
- Commercial vacuum to clear the area of debris and grit.
- Keep all traffic off flooring for 24 hours while it sets.
Do not allow heavy traffic, such as rolling traffic or furniture, until 36 hours after installation.

Installation Instructions

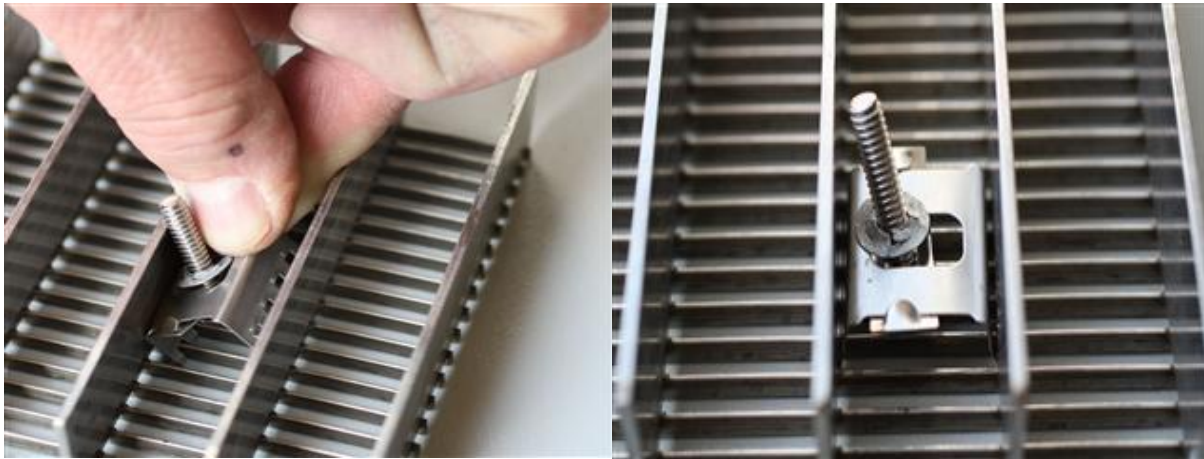
BaseGrille SS-858 and SS-898 with hidden clips

Guidelines:

Before any installation is started, be sure to verify:

- Model of grille and frame
- Size of grille and frame
- That there are no visual defects or damage from shipment

FAILURE TO FOLLOW THESE INSTALLATION INSTRUCTIONS MAY VOID YOUR WARRANTY.



1. Select areas on the panels to install hold-downs clips (pre-assembled hardware) Typically at the four corners will suffice but be sure that the hold downs will not interfere with the existing frame piece. For cosmetic reasons locate the clips on each panel in the same areas.



2. Carefully place the panels in the recess. Adjust fit as needed and place exactly for final location.



3. Dip one end of 1/8" Allen wrench in puddle of pen ink or marking paint.



4. Carefully feed wrench through surface wires and mark cement floor at center keyhole of clip. These will be the location spots to install lead anchors.



5. Carefully remove panels from the recess. Keep in mind that these panels are not interchangeable. They will need to be re-installed in identical locations after the anchors are placed.



6. At the marked location on the floor, drill with a 3/8" concrete drill to the proper depth to fit the anchor. The holes must be free of dust and debris and oil prior to installing anchors.



7. Mix epoxy in separate tray and place adequate amount in each hole just prior to installing anchor. Preferred epoxy is Red Head Epcon A7 Fast Curing Acrylic.



8. Install anchor making sure the threaded part is upright and straight and free of excess epoxy. After anchors have set in place and cured, carefully re-install panels in original positions



9. Feed the 1/8" Allen wrench through surface wires and tighten cap screws to hold panels in position



10. The BaseGrille is now secured using lock downs.

Potential LEED Credits For projects using BaseGrille

- v4 MRp2: Material and Resources – Construction and demolition waste management planning:
 - The tiles or planks reduce waste from the installation process, reducing waste in landfills.
 - Made from recyclable material and / or is a reusable product, reducing waste in landfills.
- v4 MRc1: Material and Resources – Building life-cycle impact reduction:
 - Option 3. Building and material reuse. This product can be reused or salvaged from off-site or on-site as a percentage of the surface area. Note: Materials contributing toward this credit may not contribute toward MRc3.
- v4 MRc3: Material and Resources – Building product disclosure and optimization, sourcing of raw materials:
 - Option 2. Sourcing of raw materials.
 - Materials reuse. Reuse includes salvaged, refurbished, or reused products.
 - Recycled content. Recycled content is 80% preconsumer.
- v4 EQc1: Indoor Environmental Quality – Enhanced indoor air quality strategies:
 - Option 1. Enhanced IAQ strategies. Installed with at least 10 feet (3 meters) in length in the primary direction and maintained on a weekly basis.
- v4 EQc2: Indoor Environmental Quality – Low emitting materials:
 - Option 1 (Flooring). General emissions evaluation. BaseGrille is made of stainless steel, which is an inherently nonemitting source and doe

Note: After downloading this spec, the Specifier must choose the correct Finish, Insert and Frame options and delete all other options to produce an accurate specification.

BaseGrille SS-800 Series

MASTER SPECIFICATION

SECTION 12 48 13 FURNISHINGS – BASEGRILLE ENTRANCE SYSTEMS

PART 1 - GENERAL

1.01 SUMMARY

- A. Section includes: [Entrance matting systems, including stainless steel floor grilles and frames.]
- B. Related Sections: The following sections contain requirements related to this section:
 - 1. Section 03 30 00, "Cast-in-Place Concrete" and Section 03 60 00, "Grouting" for concrete floor slab recess, and grouting frames into recess.
 - 2. Section 07 11 00, "Damp-proofing."
 - 3. Section 15 15 00, "Sanitary Waste and Vent Piping," for floor drain if applicable.

1.02 REFERENCES

- A. American Society for Testing and Materials (ASTM)
 - 1. ASTM B 221-93 Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Shapes and Tubes
 - 2. ASTM A 276-92 Standard Specification for Stainless and Heat-Resisting Steel Bars and Shapes
- B. American Architectural Manufacturers Association (AAMA)
 - 1. AAMA 606.1 Voluntary Guide Specifications and Inspection Methods for Integral Color Anodic Finishes for Architectural Aluminum
 - 2. AAMA 607.1 Voluntary Guide Specifications and Inspection Methods for Clear Anodic Finishes for Architectural Aluminum

1.03 SUBMITTALS

- A. Product Data: Manufacturer's Product Specifications, Installation and Maintenance Instructions.
- B. Shop Drawings: Show layout and types of grilles and frames not less than half-scale sections of typical installations, details of patterns or designs, anchors, accessories, and field measurements of slab recess to receive framed grates (if applicable).
- C. Samples for Selection Purposes: Actual sections of grate and frame material in a convenient but representative size showing full range of colors, textures, finishes and patterns available for each type of floor grate and frame specified.

- D. Samples for Verification Purposes: Not less than six-inch square sections of grille materials and six-inch (152 mm) length of frame material in selected colors and finishes for each type of grate and frame specified.
- E. Installation, Operations and Maintenance data.
- F. Sustainable Design Submittals: Product Data for Credit IEQ 5: Indoor Chemical and Pollutant Source Control: Employ permanent entryway systems at least 10 feet long in the primary direction of travel to capture dirt and particulates entering the building at regularly used exterior entrance.

1.04 QUALITY ASSURANCE

- A. Single Source Responsibility: Obtain floor grilles and frames from one source and from a single manufacturer.

Rolling Load: 1000 lbs. (453.6 kg) per wheel.

1.05 SUBSTITUTIONS

- A. Proposals for substitution products shall be accepted only from bidding contractors and not less than 10 working days before bid due date. Contractor guarantees that proposed substitution shall meet the performance and quality standards of this specification.

1.06 PROJECT CONDITIONS

- A. If product is to be recessed, coordinate with concrete work so that products are available for placing integrally with floor slabs.

1.07 WARRANTY

- A. Floor mats and frames shall be fabricated free of defects in materials and workmanship in accordance with the General Conditions, and the manufacturer shall offer a five-year warranty against defects in materials and workmanship. Manufacturer's warranty applies in all cases.

PART TWO – PRODUCTS

2.01 ACCEPTABLE MANUFACTURERS

Base Specialties, Inc.
525 First Street
Farmington, MN 55124

(866) 391-6216 (TOLL FREE)
(651)463-2273
(651-463-2320 (FAX)
info@base-spec.com
www.base-spec.com

2.02 MATERIALS

- A. Stainless steel – Type [304 or 316] stainless steel for surface wires and support bars.

2.03 ENTRANCE SYSTEM FLOOR GRILLE – 800 SERIES

- A. Model and Description: Stainless Steel Grilles. Type [304 or 316] stainless steel per ASTM A 276 available in depths of **[3/8" (9.52 mm) SS-838], [5/8" (15.9 mm) SS-858], [1-1/8" (28.6 mm) SS-898]**. (*Specifier to select one depth and delete others*).
 - 1. Construction: Surface Wires: .090" (2.4 mm) by 0.156" (4 mm) wire with 0.070" (1.8 mm) support bars spaced 1" (24 mm) O.C. Spacing between wires shall be 0.233" (5.9 mm) O.C.
 - 2. Lockdowns: BaseGrille SS-858 and SS-898 models utilize a pre-assembled hidden lockdown consisting of a stainless steel keyhole clip complete with a screw retaining strap, #10 bolt retainer, 10-24 x 1-1/4" stainless steel machine screw and 10-24 threaded lead anchor. BaseGrille SS-838 model lockdown is a 15/16" x 15/16" x 3/16" type 304 stainless steel hold-down plate. The plate is pre-welded flush to the surface of the grille panel and is pre-drilled and countersunk to receive a stainless steel 1/4-20 x 1" Flathead Phillips machine screw and 1/4-20 threaded lead anchor. EZ-loc, Surface Block, or Slot Tab hold-downs provided upon request.
 - 3. Tread wires shall be resistance welded at each joint.
 - 4. Fasteners: Non-corrosive screws and anchors for securing frames together and to floors.
 - 5. Finish shall be Satin #4.
 - 6. Unit must meet rolling load of 1000 lbs (453 kg) per wheel.

2.04 ENTRANCE SYSTEM GRATE FRAME (*Specifier to select one below and delete others*)

- A. Model SAF-838: Stainless steel frame, Type 304 stainless steel banding 0.070", welded to grille panel. Finish: #4 Satin.
- B. Model SAF-858: Stainless steel angle frame, Type 304 stainless steel; 1/8" (3.2 mm) profile; 3/4" (19.05 mm) depth. Finish: #4 Satin.
- C. Model SAF-898: Stainless steel angle frame, Type 304 stainless steel; 1/8" (3.2 mm) profile; 1-1/4" (31.75 mm) depth. Finish: #4 Satin.

PART 3 – EXECUTION

3.01 EXAMINATION

- A. Products must be placed on a flat and level substrate. Substrate shall meet tolerance of 1/8" (3.2 mm) over 10 feet (3.28 M) in accordance with ACI 302.
- B. Examine the substrates and conditions under which the work is to be performed, and notify the contractor in writing of conditions detrimental to the proper and timely completion of the work. Do not proceed with the installation until unsatisfactory conditions have been corrected.

3.02 INSTALLATION

- A. Install products in accordance with manufacturer's instructions, at locations shown and with top of products level with adjoining finished flooring where applicable.
- B. Coordinate top of product surfaces with swinging doors to provide under-door clearance.
 - 1. Provide necessary spacers and anchorages for proper location and secure attachment of frames to concrete.
 - 2. For installation in terrazzo flooring, contact manufacturer.

3.03 PROTECTION

- A. Upon completion of frame installations, provide temporary filler of plywood or fiberboard in grille recesses, and cover frames with plywood protective flooring. Maintain protection until construction traffic has ended and project is near time of substantial completion.
- B. Install product when no further wheeled construction traffic will occur and wet type of operations including painting and decorating are complete.

END OF SECTION

Note: After downloading this spec, the Specifier must choose the correct Finish, Insert and Frame options and delete all other options to produce an accurate specification.

BaseGrille SS-900 Series

MASTER SPECIFICATION

SECTION 12 48 13 FURNISHINGS – BASEGRILLE ENTRANCE SYSTEMS

PART 1 - GENERAL

1.01 SUMMARY

- A. Section includes: [Entrance matting systems, including stainless steel floor grilles and frames.]
- B. Related Sections: The following sections contain requirements related to this section:
 - 1. Section 03 30 00, "Cast-in-Place Concrete" and Section 03 60 00, "Grouting" for concrete floor slab recess, and grouting frames into recess.
 - 2. Section 07 11 00, "Damp-proofing."
 - 3. Section 15 15 00, "Sanitary Waste and Vent Piping," for floor drain if applicable.

1.02 REFERENCES

- A. American Society for Testing and Materials (ASTM)
 - 1. ASTM B 221-93 Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Shapes and Tubes
 - 2. ASTM A 276-92 Standard Specification for Stainless and Heat-Resisting Steel Bars and Shapes
- B. American Architectural Manufacturers Association (AAMA)
 - 1. AAMA 606.1 Voluntary Guide Specifications and Inspection Methods for Integral Color Anodic Finishes for Architectural Aluminum
 - 2. AAMA 607.1 Voluntary Guide Specifications and Inspection Methods for Clear Anodic Finishes for Architectural Aluminum

1.03 SUBMITTALS

- A. Product Data: Manufacturer's Product Specifications, Installation and Maintenance Instructions.
- B. Shop Drawings: Show layout and types of grilles and frames not less than half-scale sections of typical installations, details of patterns or designs, anchors, accessories, and field measurements of slab recess to receive framed grates (if applicable).
- C. Samples for Selection Purposes: Actual sections of grate and frame material in a convenient but representative size showing full range of colors, textures, finishes and patterns available for each type of floor grate and frame specified.

- D. Samples for Verification Purposes: Not less than six-inch square sections of grille materials and six-inch (152 mm) length of frame material in selected colors and finishes for each type of grate and frame specified.
- E. Installation, Operations and Maintenance data.
- F. Sustainable Design Submittals: Product Data for Credit IEQ 5: Indoor Chemical and Pollutant Source Control: Employ permanent entryway systems at least 10 feet long in the primary direction of travel to capture dirt and particulates entering the building at regularly used exterior entrance.

1.04 QUALITY ASSURANCE

- A. Single Source Responsibility: Obtain floor grilles and frames from one source and from a single manufacturer.

Rolling Load: 500 lbs. (453.6 kg) per wheel.

1.05 SUBSTITUTIONS

- A. Proposals for substitution products shall be accepted only from bidding contractors and not less than 10 working days before bid due date. Contractor guarantees that proposed substitution shall meet the performance and quality standards of this specification.

1.06 PROJECT CONDITIONS

- A. If product is to be recessed, coordinate with concrete work so that products are available for placing integrally with floor slabs.

1.07 WARRANTY

- A. Floor mats and frames shall be fabricated free of defects in materials and workmanship in accordance with the General Conditions, and the manufacturer shall offer a five-year warranty against defects in materials and workmanship. Manufacturer's warranty applies in all cases.

PART TWO – PRODUCTS

2.01 ACCEPTABLE MANUFACTURERS

Base Specialties, Inc.
525 First Street
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2.02 MATERIALS

- A. Stainless steel – Type [304 or 316] stainless steel for surface wires and support bars.

2.03 ENTRANCE SYSTEM FLOOR GRILLE – 900 SERIES

- A. Model and Description: Stainless Steel Grilles. Type [304 or 316] stainless steel per ASTM A 276 available in depths of **[SS-958 5/8" (15.9 mm), SS-934 3/4" (19.1 mm), SS-998 1-1/8" (28.6 mm)]**. *(Specifier to select one depth and delete others).*
1. Construction: Floor Panels shall consist of precision spaced, mechanically interlocked profile wires and U-clip supports from Type 304 or 316 stainless steel. The traffic surface shall be of smooth performance bar shape with inwardly enlarging openings to minimize the likelihood of debris entrapment. The surface bars shall be Base Specialties, Inc. No. [SS-900, SS-900C, SS-900R]. The tread surface opening shall be [.140", .187"] inches. The open area for this opening shall be XX %. Opening size shall be controlled and continuously monitored during manufacture. The maximum opening between the wires is 3/16". The direction of walking or flow must be perpendicular to the wire direction. The wires or supports may not line up over XX number of feet.
 2. Lockdowns: (a) Hidden Slot Tabs with slotted holes type 304 stainless steel to secure screen to concrete surface. (b) Surface mounted hold downs. (c) EZ loc mounting tabs.
 3. Tread bars to be XXX and mechanically interlocked using a U-clip support structure and spaced [.140" (3.56mm), .187" (4.75mm)] apart.
 4. Inserts:
 - a. **MonoScape™ HD Carpet Inserts** shall meet the Carpet and Rug Institute's standard for good indoor air quality. Fibers shall include a minimum of 100, 12 mil monofilament fibers per square inch and colorfast, solution dyed nylon. Available in one of 12 standard colors as offered by Manufacturer. Each polybrush carpet fiber and monofilament shall be fusion-bonded to a rigid two-ply backing to prevent fraying and supplied in continuous splice-free lengths. Carpet weight shall be 33 oz./sq. yd.
 - b. **Polybrush Inserts** shall be solution-dyed polypropylene fibers with 4,500 total denier, available in one of three standard colors as offered by the Manufacturer. The textured fibers have ultraviolet blockers and color as an integral part of the filament. Each carpet fiber and monofilament shall be fusion-bonded to a rigid two-ply backing to prevent fraying and supplied in continuous splice-free lengths. Carpet weight shall be 33 oz./sq. yd.
 - c. **Vinyl Inserts** shall include a flexible dual durometer vinyl insert in any one of three colors as offered by Manufacturer.
 - d. **SN- SlipNot** metallic coating applied directly to surface of wire or to alternating strips of 1" stainless steel inserted between surface wires.
 5. Fasteners: Non-corrosive screws and anchors for securing frames together and to floors.
 6. Finish shall be Satin #4.
 7. Loading: The screen panels shall be designed for Ultimate Load of 300 psf.

2.04 ENTRANCE SYSTEM FRAME *(Specifier to select one below and delete others)*

- A. Model SAF-958: Stainless steel angle frame, Type [304 or 316] stainless steel; 1/8" (3.2 mm) profile; 3/4" (19.05 mm) depth. Finish: #4 Satin.
- B. Model SAF-934: Stainless steel angle frame, Type [304 or 316] stainless steel; 1/8" (3.2 mm) profile; 7/8" (22.2 mm) depth. Finish: #4 Satin.
- C. Model SAF-998: Stainless steel angle frame, Type [304 or 316] stainless steel; 1/8" (3.2 mm) profile; 1-1/4" (31.75 mm) depth. Finish: #4 Satin.

PART 3 – EXECUTION

3.01 EXAMINATION

- A. Products must be placed on a flat and level substrate. Substrate shall meet tolerance of 1/8" (3.2 mm) over 10 feet (3.28 M) in accordance with ACI 302.
- B. Examine the substrates and conditions under which the work is to be performed, and notify the contractor in writing of conditions detrimental to the proper and timely completion of the work. Do not proceed with the installation until unsatisfactory conditions have been corrected.

3.02 INSTALLATION

- A. Install products in accordance with manufacturer's instructions, at locations shown and with top of products level with adjoining finished flooring where applicable.
- B. Coordinate top of product surfaces with swinging doors to provide under-door clearance.
 - 1. Provide necessary spacers and anchorages for proper location and secure attachment of frames to concrete.
 - 2. For installation in terrazzo flooring, contact manufacturer.

3.03 PROTECTION

- A. Upon completion of frame installations, provide temporary filler of plywood or fiberboard in grille recesses, and cover frames with plywood protective flooring. Maintain protection until construction traffic has ended and project is near time of substantial completion.
- B. Install product when no further wheeled construction traffic will occur and wet type of operations including painting and decorating are complete.

Cleaning and Maintenance Instructions

Recessed Aluminum Floor Mats

The following cleaning and maintenance instructions are for Base Specialties products BaseMat Series, BaseTread Series, and BaseGrid Series. Exceptions to this and instructions for BaseGrille products are noted separately below.

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 (BaseTread GB-200 Series, BaseTread GB-500 Series, and BaseMat 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 BaseGrille products (stainless steel); Simple Green or Sheila Shine are good options. Just follow the manufacturer's directions on whatever cleaner is chosen.

Replacement inserts are available via our website, www.base-spec.com, or phone 1-866-391-6216 for your local representative contact information.