Metal Divider Project Specification

Editable specification for stainless steel screens. Complete the schedule. A blank cell is not a fact.

How to complete this specification

This template specifies Metal Divider screens and panels. Complete it for one project. A blank cell, the words "To be completed", and any line that says an item must be confirmed are not requirements. They become requirements only when the project team enters them and Metal Divider confirms the completed schedule in writing.

The only material is Stainless Steel (304 / 316). Do not name another metal. Do not paste in another manufacturer's system, test report, or environmental declaration. This template states no certification, no lead time, no warranty period, no corrosion life, and no coating life.

Limits given below are published manufacturing limits. Check them for the thickness and the route on this project. A panel at the limit is not included unless Metal Divider confirms it in writing. If a tolerance, a document, or a scope item is not written here and not confirmed, it is not part of the work.

Before issue, replace each "To be completed" with a project entry. Delete optional items the project does not need. Keep the rule that an unconfirmed item is not included. Send the completed schedule through the form at /inquiry/ on metal-divider.com, or to info@metal-divider.com.

- Enter measured sizes, published pattern values, or figures Metal Divider has confirmed. Do not estimate a missing figure.
- The completed schedule, the quotation, and the approved shop drawings are the project record.
- Where those documents conflict with an unfilled cell, the unfilled cell does not create a default.

Project schedule

Complete every row. This table names the project. It does not describe a panel, and it assigns no quotation reference.

Put bends, holes, frames, pattern alignment, and any other extra work in a note against the mark. A mark with no note includes the flat panel only, in the grade, pattern, thickness, size, open area, route, and finish entered for that mark.

Item	Entry
Project name	To be completed
Location and exposure	To be completed. State interior or exterior, and whether salt air, pool or spa splash, or chloride cleaning can reach the screen.
Use	To be completed. Divider, screen, facade, or the project term.
Specifier	To be completed
Quotation reference	To be completed when Metal Divider issues it. This template does not assign one.

Panel schedule

Copy each row once for every mark. These rows are blank forms, not sample panels and not standard sizes. Under Grade, enter 304 or 316. Under Pattern, enter a catalog code or "custom" plus the file name. Open area is the figure published for the pattern, or "On request" until Metal Divider confirms a figure. Use the same mark in both tables.

Mark	Pattern	Grade	Open area	Finish
To be completed	To be completed	To be completed	To be completed	To be completed

Panel size and route

Sizes are finished panel sizes in millimeters. Thickness is the sheet thickness for that mark. Route is laser cutting, perforation, or expanded metal.

Mark	Thickness	Width	Height	Qty	Route
To be completed	To be completed	To be completed	To be completed	To be completed	To be completed

Optional items

Add an optional item only if this project needs it. It is included only after the quotation confirms it. Leaving the words in this list does not add the work.

- Finish sample before production.
- Pattern alignment across a joint or a fold, shown on the drawings.
- Formed edges, returns, holes, or cutouts, shown on the drawings.
- Frames or stiffeners in the same stainless grade as the panels.
- Panels from one material heat. This is not assumed.
- Material traceability documents. This template does not name a certificate type.
- Photo record of finished panels before packing.
- Installation by Metal Divider. Otherwise installation is by the project installer.

Scope

Furnish the screens described in the completed schedule and the approved shop drawings. Metal Divider fabricates that work. Do not substitute another fabricator under this specification.

The installer provides the substrate, the anchors into the structure, and the installation labor, unless the quotation expressly includes installation. Waterproofing, sealant, and flashing are outside this specification. If the project needs stainless flashing in the same grade as the panels, add it to the schedule and have it confirmed.

Structural design, design loads, and code compliance of the support are the project engineer's work. This specification does not include calculations or a code certificate.

- Included when scheduled and confirmed: panels, the named pattern and finish, shop drawings for approval before cutting, and packing for the shipping method named in the quotation.
- Not included unless confirmed: engineering, anchors into the building, sealants, flashing, installation, environmental declarations, and warranty certificates.

Submittals

Submit the following before fabrication. Do not cut until the shop drawings are approved in writing. Where the schedule requires a finish sample, do not start the production finish until that sample is approved.

Pattern artwork may be a catalog pattern on metal-divider.com, or a project file. Formats named for review are DXF, DWG, AI, EPS, and PDF. A sketch or a photograph can start the review. It is not a cutting file until Metal Divider issues a production drawing from it and that drawing is approved.

At shipment, provide a packing list with panel marks and counts. Provide a photo record only if the schedule requires one and the quotation confirms it. Provide no other closeout document unless the schedule asks for it and the quotation confirms it.

This template does not require a named test report, a recycled-content declaration, or a warranty form. A request for one of those is a schedule note, not a promise that the document exists.

Submittal	What it must show	When
Completed schedule	Every mark, with no cell left as "To be completed"	Before shop drawings
Pattern identification	Catalog code, or the project file name	Before shop drawings
Open area	Published percentage, or the figure Metal Divider has confirmed if the pattern is marked On request	Before cutting
Shop drawings	Marks, dimensions, thickness, joints, pattern placement, holes, and bends	Approved in writing before cutting
Finish sample	Grade, route, and color or texture for the marks that require it	Only if the schedule requires it; approved before production finish
Packing list	Project, marks, and counts	With the shipment

Stainless steel, pattern, and open area

Specify grade 304 or grade 316. The customer-facing name is Stainless Steel (304 / 316). Grade follows exposure. It does not set the color.

Use 304 for controlled interiors, and for exterior work that is not exposed to salt air, pool or spa splash, or chloride cleaners. Use 316 where that exposure is expected. If the exposure is unclear, describe the site in the inquiry and have the grade confirmed before a sample is made. A sample approved on 304 does not approve the same finish name on 316. If the grade changes, approve a new sample.

For a catalog pattern, use the pattern code published on metal-divider.com. Scale, repeat, orientation, and open area may be adjusted before fabrication so the panel fits the opening. The adjustment is the one on the approved shop drawings. An unrecorded change is not approved.

Where the pattern page states a repeat, it is Repeating or Flowing. Where it states a best fit, it is Architectural screening or Decorative screening. Enter either in the mark note if the elevation depends on it. Neither is a structural rating. Do not invent a repeat or a best fit the page does not state.

Open area is the share of the panel surface opened by the pattern. Copy the percentage published for that pattern. If the pattern is marked On request, write On request. Do not borrow a percentage from another pattern, and do not enter zero. Have Metal Divider confirm the figure, then enter the confirmed figure before cutting. For expanded metal, open area belongs to the selected mesh. Confirm it. Do not calculate it from a laser-cut pattern.

Field	Enter	Do not enter
Grade	304 or 316	Another metal, or a blank grade
Pattern	Catalog code, or custom plus the file name	A name with no catalog page and no file
Open area	The published percentage, or On request until confirmed	A guessed percentage, or 0% for a missing value

Size, route, and fabrication

State finished width, height, and panel count in millimeters. The contractor confirms opening sizes before shop drawings are issued for fabrication. If the opening does not match the approved size, stop and send the revised sizes through /inquiry/ or to info@metal-divider.com. Do not assume the panel will be recut.

Select one route for each mark. The limits below are published maximum sheet sizes. Confirm the limit for the thickness in the schedule. A larger panel is outside this specification unless Metal Divider confirms it in writing.

Fiber-laser cutting is published at a cutting tolerance of ±0.1 mm. That figure applies to laser cutting only. It is not a tolerance for perforation, expanded metal, forming, flatness, edge condition, or installation. This template sets no other tolerance. If the project needs one, enter it in the mark note and have it shown on the approved shop drawings. A number that is not confirmed there is not a requirement.

Fabricate to the approved shop drawings. Thickness is the thickness in the schedule. This template sets no standard thickness. Edges are finished to the approved sample and free of damage that would show after installation. No edge dimension is set here.

Bends, returns, holes, and cutouts are included only where the approved drawings show them. There is no standard return depth and no standard joint width. Alignment of a pattern across a joint or a fold is included only where the drawings show it. Frames and stiffeners, if required, are the same stainless grade as the panels and are drawn. Do not add unshown slots or oversized holes.

Route	Work	Published limit	Not set here
Laser cutting	Fiber-laser cutting of the approved pattern	Sheet up to 3,000 x 6,000 mm. Cutting tolerance ±0.1 mm	Flatness, bend allowance, hole position, installed alignment
Perforation	CNC-punched openings: round, square, slot, or a geometry confirmed for the mark	Sheet up to 2,000 x 4,000 mm	Punch tolerance and flatness
Expanded metal	Slit-and-stretch mesh: diamond, hexagonal, micro, or raised-flat, as confirmed	Width up to 3,000 mm	Strand size and open area, until confirmed

Finish

Name the finish for each mark. A color name, a render, or a photograph is not the finish standard. Where the schedule requires a sample, the approved sample is the standard, and production finish does not start before that approval.

Families that may be named are mill, brushed or hairline, satin, mirror, bead blast, vibration, etched, powder coat, and PVD color. The quotation confirms that the named family is available for the grade and the route. PVD is a color finish on the stainless steel. Name the color. Panels of one finish are finished so they can be compared with the approved sample.

Anti-fingerprint treatment is a separate finish step. Include it only when the schedule names it and a sample confirms it.

This template states no fade limit, no coating life, and no test duration. Clean installed panels only as stated in the note issued with the shipment. If no note is issued, ask through /inquiry/ or info@metal-divider.com before using a cleaner. Do not use steel wool, abrasive pads, chloride bleach, or masonry cleaners on the finish.

Quality control

Before packing, check each mark against the approved shop drawings and the approved finish sample. The check is a release inspection. It is not a certification, and it does not add a test the quotation has not confirmed.

Where a photo record is confirmed, photograph the finished panels against the approved sample before packing. The photographs record appearance. They are not a test report.

- Grade and thickness match the schedule.
- Size and pattern match the approved shop drawings.
- Open area matches the confirmed figure.
- Finish matches the approved sample.
- Faces and edges are free of damage that would show after installation.
- Panel marks match the packing list.

Packing, delivery, and installation

Pack the panels for the shipping method named in the quotation. Finished faces must not bear on each other. Edges and corners are protected. Panels stay dry in the packing. Each bundle is labeled with the project and the panel marks. This template does not name a crate material, a film brand, a packing weight, or an insurance term.

On receipt, inspect the packing before it is discarded. If a panel is damaged, photograph the damage with the panel mark visible and send the photograph to info@metal-divider.com or through /inquiry/ before installation.

Until the panel is fixed, keep it under cover, dry, and off wet floors and site chemicals. Do not stack bundles unless the packing note allows it. Do not lay a finished face against another panel. Leave any protective film in place until the panel is installed and nearby work that can scratch it is finished. Peel the film. Do not scrape it. If the film will not release, stop and ask before using a knife or a solvent.

Handle finished faces with clean gloves. Keep mortar, oil, grinding dust, and adhesive off the face. Do not tape a face that will remain visible, and do not scribe it.

Install to the approved drawings. Verify the substrate and the openings first. Do not force a panel into an opening that does not match the approved size. Do not install where the panels can be wetted or contaminated by other work. Anchors into the structure, and any sealant, are by the installer unless the quotation includes them.

Questions on this specification go to metal-divider.com, the form at /inquiry/, or info@metal-divider.com.