Stainless Steel Finish Reference

PVD, brushed, and mirror finishes on Stainless Steel (304 / 316), confirmed on a sample before production.

What this reference covers

This is Metal Divider's finish reference for screens and panels. It records the stainless finishes already named on metal-divider.com, and the sample step used to approve them.

The only material is Stainless Steel (304 / 316). A finish is a texture on that stainless. When color is required, the published paths are PVD or powder coat. Production is matched to an approved sample or a written spec note.

A third-party sheet list is not carried forward. This note has no other metal, no trade-name finish from another company, no price, and no stock table. It does not include a test report, a schedule, a measured tolerance, or an environmental result.

- Material line: Stainless Steel (304 / 316).
- A finish name starts the inquiry. The sample approves the finish.
- Send the request to metal-divider.com/inquiry/ or info@metal-divider.com.

Grade

304 and 316 are the two grades named with these finishes. Grade follows exposure. It does not, by itself, choose the color.

304 is the grade named for interior screens, dry hospitality, office, retail, and protected or inland exterior work. 316 is the grade named for coastal, poolside, spa, marine-adjacent, and high-humidity exterior work. Say which of those conditions applies so the grade can be checked before a sample is made.

A sample approved on one grade is not a sample of the other. If the grade changes, confirm the finish again on the grade that will be produced.

Grade	Exposure named on the site	Finishes named with it
304 Stainless Steel	Interior screens and protected exterior	Mill, brushed, mirror, PVD, powder coat
316 Stainless Steel	Coastal, marine, and high-humidity sites	Mill, brushed, mirror, PVD. One published pairing also names powder coat and a passivated exterior finish. Ask before assuming either on 316.

Brushed, mirror, and the other textures

These are the uncolored and mechanical finishes already named on the site. They differ by grain and by how much light they return. They are not trade names from another company.

Hairline and brushed are the lower-reflection faces. Mirror is the higher one. Pages also say matte and antique. Where a color is named, antique means antique bronze PVD. Matte is not given a separate process. If you use either word, say what you are looking at and confirm it on the sample.

Interior notes also name an optional anti-fingerprint protection with hairline, mirror-polished, sandblasted, and PVD color. Ask for it if the screen will be touched often. Fingerprint visibility is checked on the sample. This note does not state a reduction figure.

Finish	Where the site places it	What to write
Mill	Named with both grades, beside brushed, mirror, and PVD	Mill, if you want that uncolored stainless face and no PVD color
Brushed / hairline	Interiors, partitions, and wall panels, with lower reflection than a mirror. The two words are both used, and a PVD color can name one of them.	Which word you mean, and the grain direction
Satin	Grouped with brushed for interiors and partitions. Also named under champagne gold.	Brushed or satin, if the difference matters to the project
Mirror / mirror-polished	Feature walls and lobbies, where the light response is stronger	That a reflective face is intended
Bead blast	Named in the common finish list. Interior notes also say sandblasted. The site does not define them as the same process.	The word you mean. The sample settles the texture.
Vibration	Grouped with mirror for feature walls and lobbies	Vibration, if a full mirror is not the target
Etched	Named as a surface, and as a base under antique bronze PVD	Whether the etch is the finish, or the base under a PVD color

PVD color

PVD is the color path for a metallic surface rather than paint coverage. The site describes it as a thin metal coating bonded to stainless steel in a vacuum. It is not powder coat. Do not use one name for the other.

The base texture changes the color you see. Hairline, brushed, mirror, bead-blasted, and etched are the bases named under a PVD color. Champagne and bronze are the warmer families. Black titanium and gunmetal are the quieter ones. The same color name can read differently under warm interior light, daylight, and wall-wash. That is why the sample comes before a production run.

The names below are already used on metal-divider.com. This list is not a count and not a match standard. If the target is not here, describe it. The sample is the confirmation. Natural stainless with a mirror or hairline face is uncolored stainless, not a PVD color. Specify it as a texture.

Name used on the site	Texture named with it	Pairing named on the site
Champagne gold	Hairline, satin	Linear grids and office partitions. Shorter labels also say champagne.
Titanium gold	Mirror, hairline	Decorative panels and hotel lobbies. Some pages say gold. The sample sets which target is meant.
Rose gold	Mirror, hairline	Decorative panels and residential entries
Bronze	Brushed	Hospitality screens where bronze PVD is named
Antique bronze	Brushed, etched	Lattice and heritage interiors
Black titanium	Mirror, hairline, satin	Modern commercial screens. Some pages say black. The sample sets which target is meant.
Gunmetal	Not tied to one texture on the site	Quieter architectural color. Set the texture on the sample.

Powder coat

Powder coat is a separate path from PVD. The site lists it as its own finish, not as a PVD color. It is named with 304. One pairing also names it with 316. If the project needs powder coat on 316, ask. Do not assume the pairing.

No outside color catalog is part of this note. Name the color in plain words and confirm it on a sample.

Sample confirmation

A physical sample or finish swatch is the approval step. A render or a photograph can start the inquiry. It does not approve the finish. Brushed grain has a direction. A mirror returns the room. A PVD color shifts with the light.

The pattern page says what the sample is for: pattern scale, finish direction, reflection, and edge quality. Finish review also checks PVD tone, texture, and surface quality under the light the screen will have. Review the face, the grain direction, and any edge that will stay visible.

Say whether you need a swatch, a comparison of more than one finish, or a panel that also shows the pattern. Ask how a sample charge is treated if the project proceeds. That charge is stated in the quote, not here. This note does not set a sample size or a schedule.

After approval, production is matched to that sample or to the written spec note. The published shop step is the one already on the site: edges are cleaned, then the brushed, mirror, powder coat, or PVD finish is applied against that reference.

- Send the finish target with the inquiry, before a catalog name is treated as approved.
- Name the grade with the sample request. A 304 sample does not approve a 316 face, or the reverse.
- Review the sample in light close to the installed condition.
- Approve in writing, or send a corrected note.
- If the grade, the texture, or the lighting assumption changes, ask for the finish to be confirmed again before production.

What to send

There is no flat-sheet quantity table and no price column. Send the fields below to metal-divider.com/inquiry/ or to info@metal-divider.com. The inquiry form does not take a file. Drawings or site photos go in the reply to the confirmation email.

Panel size and thickness belong in the project note. They are not finish names, and this note does not publish a thickness table.

Field	What to write
Alloy	304 or 316. The material line is Stainless Steel (304 / 316).
Exposure	Interior, protected exterior, coastal, poolside, spa, or high-humidity.
Texture	Mill, brushed, hairline, satin, mirror, bead blast, sandblasted, vibration, or etched.
Color path	None, PVD, or powder coat.
Color name	A name from this note, or a short description if it is not listed.
Direction	Grain or finish direction, if the texture has one.
Faces	Say if both faces need the same finish. This note does not publish a two-side finish code.
Lighting	Warm interior, daylight, or wall-wash, if the color will be judged.
Sample	Swatch, a comparison of finishes, or a patterned panel.
Reference	Your own description. Do not specify the finish by another company's trade name.

What this note does not state

Do not read this reference as a test report, a price list, a schedule, or a claim about environmental performance. It does not adopt another company's process or project commitment.

The published cleaning note is routine, not a service life. Indoors, use a soft cloth and a pH-neutral cleaner, and follow the grain on a brushed face. On PVD, use a non-abrasive cloth and a mild cleaner. Avoid abrasive pads and chloride-heavy cleaners on colored or brushed faces. On exterior 316 near salt air, the published note is a freshwater rinse.

Questions go to metal-divider.com/inquiry/ or info@metal-divider.com.

- No other metal is named or offered.
- No price, stock quantity, or sheet-size table.

- This note includes no test report, measured tolerance, or environmental result.
- No trade-name finish from another company.