PRODUCT GUIDE

Aluminum

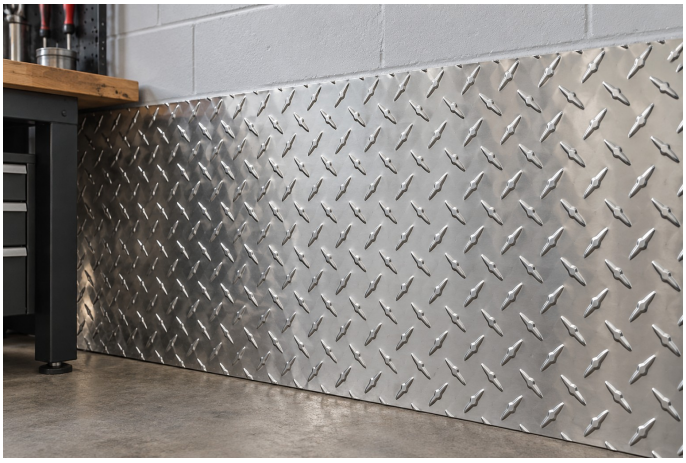
Compare flat 5052 aluminum, diamond checker plate and white-finished sheet. Start with the surface and sheet format, then check the thickness options available for that specific product.



Flat aluminum sheet. Confirm dimensions and temper.

Flat aluminum

- Listed as alloy 5052.
- Sheet formats have different thickness choices.
- Provide a drawing for bends and cutouts.



Checker-plate wall panel. Confirm pattern, panel dimensions and fixings for your project.

Diamond checker plate

- 4 × 8 ft and 5 × 10 ft listings.
- Confirm alloy and temper.
- Load and slip ratings are not established.



White aluminum panel. Confirm thickness, coating and graphics compatibility.

White aluminum

- Listed White/White option.
- 0.025 in, 4 × 10 ft.
- Confirm coating and graphics compatibility.

Ideas for your project

Plan an equipment cover — Mark dimensions, bend lines and openings on the cover drawing.

Lay out workshop protective panels — Plan panel joints and pattern direction; confirm the design and fixings.

Prepare a sign or display face — Confirm the coating and graphics process for a white display face.

Order matching replacement panels — Match the agreed dimensions, thickness, alloy and finish - not just the colour.

Choose the right product

Start with the material requirement — Choose flat 5052, checker plate or white-finished sheet. Keep alloy, temper and finish separate, and send any specified material requirements for confirmation. [S1, S2, S3]

Match thickness to the exact sheet format — Thickness choices depend on sheet format. Check the exact product option before planning cuts; a thickness listed for one size may not be listed for another. [S1]

Specify the visible surfaces — White/White is listed for white sheet. Confirm the actual surface finish or request a sample when the panel will remain visible. [S1, S3]

Send a complete cutting or fabrication brief — Send dimensions, units, quantity, holes, cutouts, bends, edge finishing and drawing revision. Mark critical tolerances and the visible face. [S1, S2]

Confirm the order and collection details — Use the exact option and supplied SKU. Confirm custom work, freight or pickup readiness, plus packaging and handling arrangements. [S1]

Handling, installation & care

Agree edge and surface handling before fabrication — Ask the fabricator for handling instructions suited to the finished part. Agree edge finishing, surface protection and packaging before fabrication. [S1, S2]

Confirm the fixing and forming method — Provide the proposed supports, fixings and bends for review. Current sources do not specify fastening spacing, bend radii or load ratings. [S1, S3]

Obtain care instructions for the actual finish — Request cleaning and maintenance instructions for the supplied finish. For white sheet, confirm coating care and compatibility with the intended graphics process. [S1, S2, S3]

Sources & details to confirm

Brochure summaries are not the current option schedule — The 5052 brochure omits the current 3/16 and 1/2 in choices. The checker brochure lists broad metric dimensions, alloys and tempers that are not tied to the current shop variants. This guide uses the current six listings and their exact option labels; brochure ranges are not presented as stocked choices. [S1, S2, S3]

Alloy, temper and performance need confirmation — 5052 is identified for the flat-sheet family, but its temper is not supplied. The checker and white-sheet listings do not identify their alloy or temper. No source verifies the current stock for structural loading, slip performance, food contact or a specific marine installation. Request the necessary material documentation when the project requires it. [S1, S2, S3]

Nominal thickness labels and finish details — Some source labels combine nominal inch fractions, decimal inches and rounded metric values. White sheet also has a recorded inconsistency in an earlier metric parenthesis. The current catalogue preserves the supplied option wording, including 0.025 in for white sheet; confirm the required measured thickness and tolerance rather than treating every printed conversion as exact. [S1]

Source notes

S1 - Current Supply Kings aluminum listings

S2 - Supply Kings 5052 Aluminum Sheets brochure

S3 - Supply Kings 3003 Aluminum Tread Checker Plate brochure