

# Stainless Steel Sheet/Plate

Stainless steel sheet/plate is versatile and used in a variety of applications. It is primarily selected for its resistance to corrosion, longevity and formability. Typical uses of stainless steel sheet/plate include, construction, food service applications, transportation, chemical, marine, and textile industries.

## Grades

Our stainless steel sheet/plate is available in 300, 400 and 200 series. Each type has its own characteristics. The most popular grades are, 304 which can be easily roll-formed or shaped and due to its excellent corrosion resistance and weldability, it is one of the most popular grades available. 316 is an alloy that contains molybdenum which increases the corrosion resistance and is particularly effective in acidic environments as it provides a greater resistance to pitting corrosion. 321 is a variation of 304 with the addition of titanium, it is resistant to intergranular corrosion and has excellent weldability. Type 430 is a ferritic stainless steel alloy which offers good corrosion resistance and is predominately used in the domestic and catering industries. We also offer sheet/plate in Aluzinc and aluminium if required.

## Common Grades and Specifications

Grades	Width	Length	Trickness
304/304L (1.4301/1.4307)	Up to 1500mm	Up to 4000mm	From 0.4mm
316/316L (1.4401/1.4404)	Up to 1500mm	Up to 4000mm	From 0.4mm
321 (1.4541)	Up to 1500mm	Up to 4000mm	From 0.4mm
430 (1.4016)	Up to 1500mm	Up to 4000mm	From 0.4mm

You can buy standard stock directly from our warehouse for next day delivery or we can cut your sheets down to size. Other grades are available on request.

## Finishes

Finish	Description
2B	Smooth finish, reflective grey sheen. Most widely used surface finish.
Bright Annealed (BA)	Cold rolled, annealed in a controlled atmosphere to retain a highly reflective finish.
Dull Polish (DP)	Selected for ease of cleaning, brushed look, non-reflective, used extensively in the catering industry, also push plates and kick plates.
Hot Rolled (HR)	Scaled finish, ideal if surface finish is not a key concern.

Other finishes are available if required and can be supplied with a protective film.

## Blanks

We can manufacture sheared blanks to precision tolerances on length, width and diagonal square. We can also offer them with no burrs with edge dressed material for safe handling if required.

## Profile

Profiling options are available such as corrugated or perforated sheet, these can be achieved on any of the grades available within the 300, 400 and 200 series as well as aluminium and Aluzinc.

## Quality

All BS Stainless steel sheet/plate is manufactured to the highest quality within the scope of ISO 9001:2015 accredited management system and manufactured to BS EN 10088-2 specification.