

Versatility with Stainless Steel: *The Specifier's Choice*



MELBOURNE

Britex Place Mirra Crt
Bundoora VIC 3083
t (03) 9466 9000

SYDNEY

16 Northumberland Drv
Taren Point NSW 2229
t (02) 9531 2100

PERTH

Unit 1/8 Principal Link
Malaga WA 6090
t (08) 9249 5464

BRISBANE

19 Manilla St
East Brisbane QLD 4169
t (07) 3363 2400

ADELAIDE

The Britex Group
SA State Office
t 1300 764 744

Britex is internationally recognised as one of the world's most innovative designers and fabricators of stainless steel products, commercial grade plumbing fixtures and architectural fittings. Many of our world-first product design innovations are today commonplace amongst stainless steel fixtures available around the world.

Britex began in Melbourne, Australia in 1938 as a pioneer in the pressing of one-piece Stainless Steel sink bodies and today utilises state of the art design and fabrication techniques to produce products that are highly sought after by project specifiers and facility managers alike.

The use of high quality fixtures is critical to the success of any commercial project. With this in mind, Britex products are designed and manufactured to a standard that ensures specifiers can select our fixtures in the knowledge that they are choosing the finest stainless steel products available - fixtures that will contribute to an overall outcome of excellence.

The evolution of Britex is never ending as each business unit pursues excellence in its own right. From implementing new industrial design software in our product development and documentation area, every stage of the product realisation process is constantly reviewed to seek better outcomes for Britex customers.



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Stainless Steel: The Specifier's Choice

The vast range of benefits provided by stainless steel ensure that it continues to be a highly sought after and specified finish in materials selection. Whilst stainless fixtures can often have an initial higher purchase cost, over the total life of a project, it is the highly durable and enduring stainless steel option that provides the greatest true value.

What is Stainless Steel?

Stainless steel is a low carbon steel that contains an added 10.5% or more of chromium. It is the added chromium that allows the formation of an invisible, chromium-oxide film on the surface of the steel and gives stainless its unique corrosion-resisting properties.

Corrosion resistance and other physical properties are enhanced by increased chromium content and adding other elements such as molybdenum, nickel and nitrogen.

Each of these alloys – a specific, measured combination of elements – is called a 'grade'. In all, there are more than 60 grades of stainless steel. Britex predominantly fabricates using grade 304 and 316 stainless steel.

304 or 316 Stainless Steel?

In the vast majority of cases, it is sufficient to install stainless steel fixtures manufactured entirely using grade 304 stainless steel, as the corrosion resistant properties of this alloy make it more than capable of withstanding all but the harshest of environmental and chemical exposures. In situations where a stainless steel fixture is likely to be installed in a highly corrosive setting, it is recommended to take the 'next step up' in corrosion resistance provided by a stainless alloy and fabricate that fixture from grade 316 stainless steel.

Britex: Benefits & Solutions

Value for Money Taking into consideration total life cycle costs, stainless is often the least expensive material option.

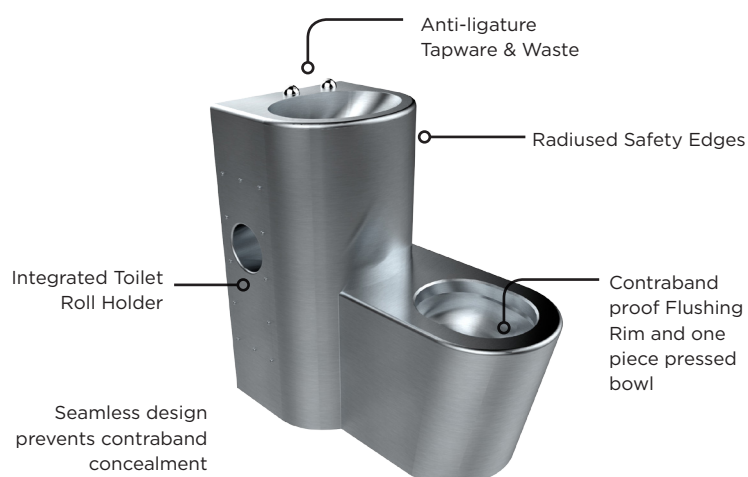
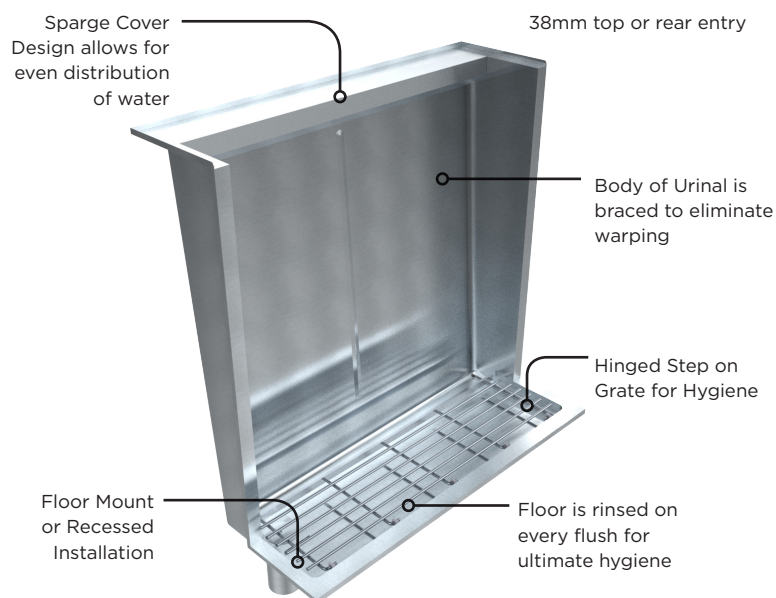
Hygienic The easy maintenance of stainless makes it the most commonly specified material for the strictest hygiene environments such as hospitals, laboratories, processing plants and kitchens.

Environmentally Friendly 100% recyclable. Stainless used to manufacture new products is generally made from between 65-80% refined stainless steel scrap.

Durable Highly resilient and easily repaired, stainless is the ideal material for fabricating fixtures that require the most extreme resistance against the toughest physical and environmental challenges.

Aesthetics Available in a range of finishes, the clean, attractive appearance of stainless is truly timeless, adaptable and equally suited to modern and classic styled interiors.

Versatile Stainless can be cut, pressed, folded, welded and formed into almost any shape meaning custom designed fixtures can be fabricated without costly castings and custom-built fabrication tooling.



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Applications

HOSPITALITY

Kitchens/Restaurants/Canteens/Night Clubs

From restaurant kitchens to night club bathrooms, Britex offers an extensive range of premium quality products that are suited to a wide range of installation areas within a vast array of hospitality project categories. In addition to our standard product range, Britex can also provide custom fabrication services in hospitality projects.

Stainless is limitless in design it is malleable to be used in all your projects. Think outside the square and you can see what is achievable.



Top Right: Hoa Nghiem Temple, Springvale VIC- Custom made stainless steel joinery, Above Bond Bar Melbourne: SS for benches, back splashes, shelves, part counter, drip tray, sinks, refrigeration and wall/ceiling panels.

PUBLIC AMENITIES

Stadiums/Public Toilets/Train Stations/Pavilions

Britex understands the importance of incorporating vandal resistant, low-maintenance, water efficient products into public amenity designs without compromising on aesthetics. The products below are all robust, hard wearing, easy to maintain and can be found all over Australia in sports stadiums, entertainment venues, pubs, clubs, train stations and public toilet blocks.



Britex Disabled Compliant Toilet Block Complete Fit Out, Geelong, VIC



Britex Security Pedestal Basins & Mirrors, Winchelsea, VIC

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SECURITY

Jails/Detention Centres/Police Stations

Our vandal resistant products have been selected as the fixtures most suitable for security projects, in that they are highly resistant to deliberate acts of force, tamper resistant and are, in many cases, free of ligature points. Clever engineering has fully enclosed plumbing connections, entirely welded constructions and low profile or timed flow tapware options to conceal in a compact unit.



Britex Security Combination Units for Cessnock Correctional, NSW

EDUCATION

Child Care/Primary/Secondary/Tertiary

Education products are designed according to the specification guidelines set out by state education departments. Where a state's Department of Education specification document outlines a unique design that differs from other states, this has been noted on the product image below. Education products are generally vandal resistant, functional, hard wearing, easy



Britex Wall Hung Drinking Fountains, Heidelberg Primary School, VIC

HEALTH SCIENCE

Hospitals/Laboratories/Aged Care

Britex has developed this product range over many years spent in close consultation with Australia's premier Health / Science design Architects. Included in this range are specially designed benches, troughs, basins, flushing sinks and waste disposal fixtures. They are designed to meet the strict documented guidelines set out by Health Professionals for their unique intended use. For this reason, Britex products are consistently selected by designers for inclusion in Australia's finest hospitals, research institutes and medical facilities.



Britex Custom Mobile Ice Buckets, Red Cross Melbourne

DISABLED ACCESS

When selecting fixtures for Disabled Access areas, it's important to ensure product designs comply with the relevant Australian standard. Britex disabled access products conform to AS1428 where noted and can be installed in a wide variety of projects requiring disability access. Manufactured from commercial grade stainless steel, Britex provides a wide range of durable, secure alternatives to vitreous china fixtures that are more prone to damage in demanding, public amenities.



Britex Disabled Compliant Fit Out, Warrnambool, VIC

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Mirra Design

Whether it's the Kitchen, Laundry, Butler's Pantry or Bathroom - Give your home that European Look with a stylish quality product from an Australian Company.

The Mirra Design Range of Sinks are carefully crafted from high quality #304 Stainless Steel in a 1.2mm thick material. We make each sink to your requirements to give you the flexibility of custom size bowls and drainers.

For your laundry choose from single to double bowl sinks, overflow pints for the washing machine, tap holes for your choice of tapware. In the butler's pantry choose from designs that are sleek, attractive but compact. In the bathroom the Britex Signature Range offers a range of both standard and specially customised items, from satin stainless steel to a mirror finish or even a high finish powder coat colour to fit your design vision. You decide the look.

Ask our team for assistance to ensure you get the right product to suit your needs.



BenchTech

Providing absolute value for money, BenchTech is ideal for use in projects such as teaching kitchens, canteens, cafes and restaurants.

Built to true commercial specifications, the BenchTech modular system can be used for a full kitchen fit-out or integrated with custom made Britex benches and shelves to achieve a more cost effective overall project solution.

In a market that has traditionally focused heavily on price at the expense of quality, BenchTech offers a range of benefits based around quality and innovations that elevates it above all others. The true value for money that BenchTech offers in its modular benching shelving and ancillary products is second to none.



BenchTech Work Bench, Office Secondar College, VIC



BenchTech Work Bench with Splashback and Mobile Bench, VZUG Showroom, Kew, VIC

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britex.com.au | sales@britex.com.au | A.B.N 83 004 309 737