

s31ss seat



description

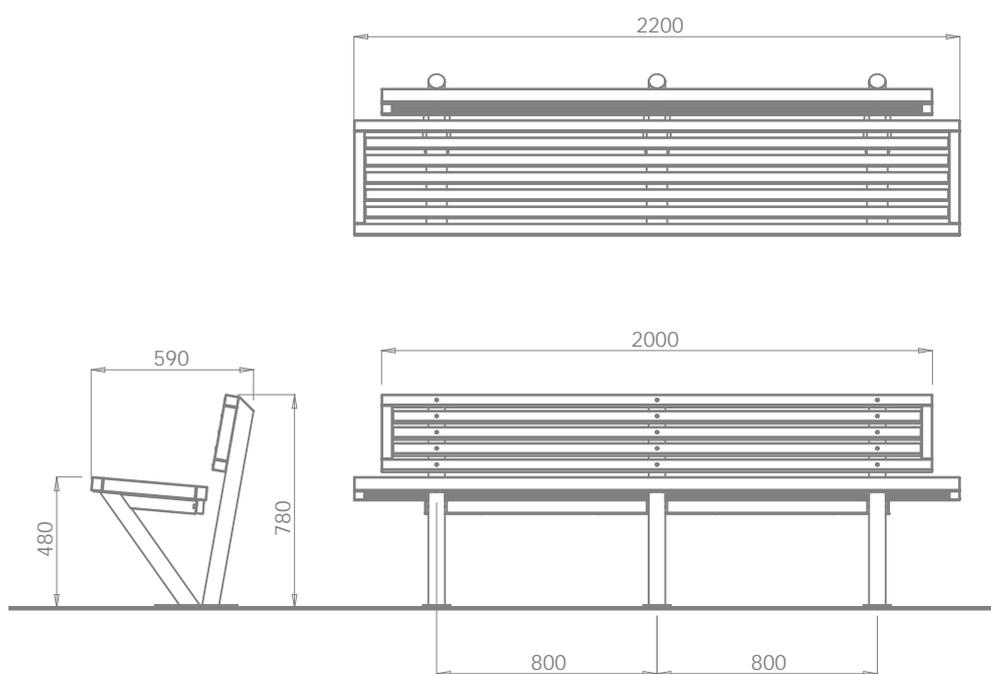
Frame in 316 grade stainless steel with brushed polish finish. Seat surface in Iroko hardwood.

dimensions

Length 2200mm, depth 590mm, height 780mm.

options

Unfinished timber or micro porous stain.



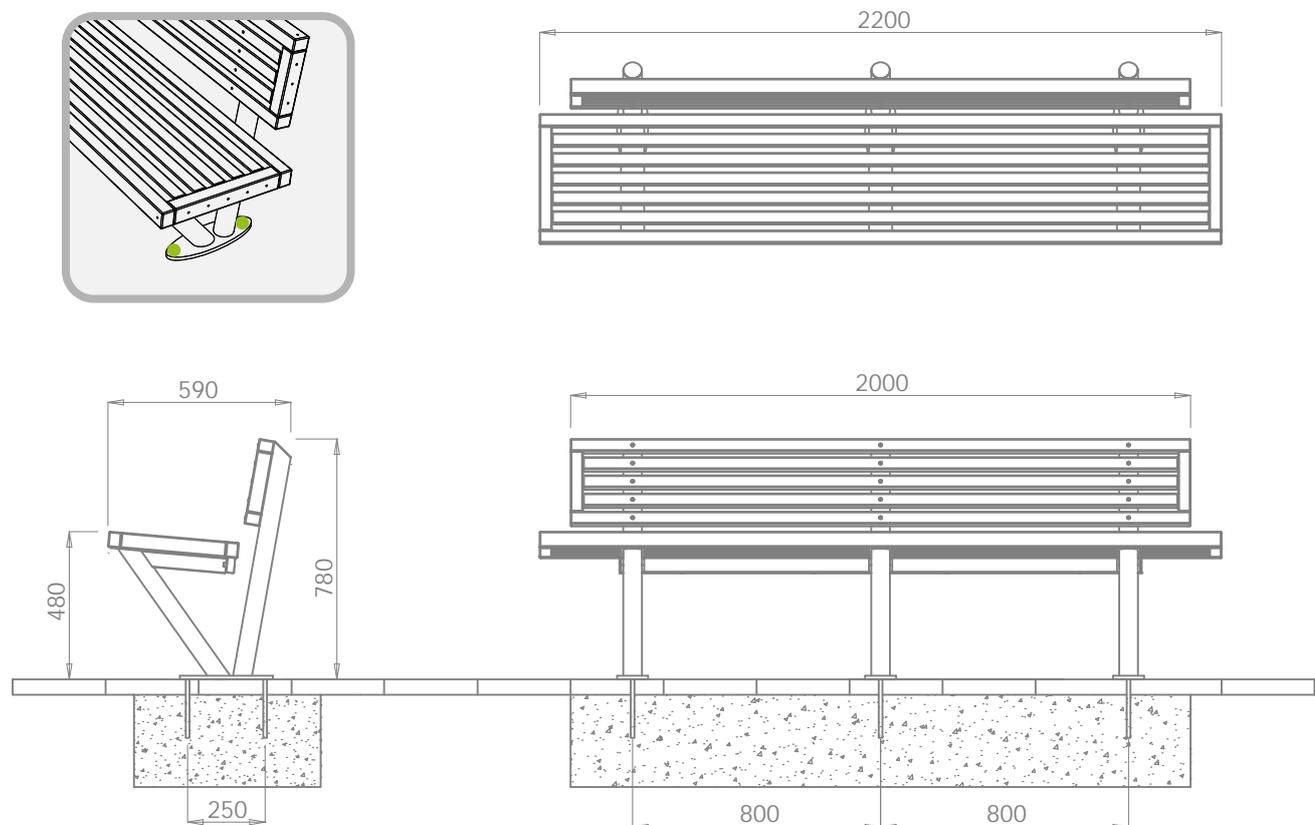
s31ss Fixing Instructions

(for areas already paved)

- 1 Determine the location for the bench. Remove the pavers and excavate a hole to minimum dimensions of L2000 x W500 x D400mm. The size of the foundation may vary depending on the ground conditions.
- 2 Fill the hole with 35N20 concrete up to 15mm below the level of the underside of the pavers ensuring a good smooth surface finish.
- 3 Allow sufficient time for the concrete to set then apply a layer of dry sand/cement mix over the pad. Compact and adjust to bring this to the level of the underside of the paving.
- 4 Replace the paving slabs and ensure that they are well bedded in.
- 5 Place the seat in the desired location and mark through the fixing holes making sure this is done accurately.
- 6 Remove the bench and drill through the paving slabs into the concrete pad below. Drill following fixing manufacturer's instructions to suit the chosen fixing. Choose a fixing which will accept an M12 SS buttonhead bolt, either a mechanical anchor (such as Hilti HSC-IR M12*60) or an internally threaded fixing designed for chemical fixing (such as Hilti HIS-RN M12xL [length to suit]). **IMPORTANT**, the depth of the hole must be sufficient to allow the fixing to be fully embedded in the concrete rather than partially in the paver and partially in the concrete.
- 7 Insert the fixings into the ground following fixing manufacturer's instructions. Reposition the bench and screw in M12 SS button heads into the 6 no. fixings. Where chemical fixing is used (such as Hilti HIT-HY 150), leave sufficient time to cure before tightening the bolts.

Foundations

The seat can be fixed directly to a concrete slab or to concrete pads beneath paving stones. Foundations must be to engineer's specification.



Above, fixing details.

s31ss Care and Maintenance Guidelines

The s31ss seat is constructed from 316 grade stainless steel and iroko hardwood. The materials have been selected for their excellent outdoor durability as well as their aesthetic properties. The timber components have had a micro porous woodstain factory applied as a means of preserving the rich colour of the timber and maximising longevity. Some care is required to maintain the product's original appearance. The extent to which maintenance is required will depend on a number of factors including environmental conditions, construction activity and level of use.

Maintaining the stainless steel

Prior to shipping all our stainless steel has been passivated to ASTM A380 and ASTM 976 01-8.1 to ensure the highest standard.

Clean the stainless steel components using warm water with a mild detergent with a non abrasive cloth or sponge. Heavier stains may require the use of a nylon scouring pad. As a rule always start with the least severe method of cleaning as the use of scouring pads or scotch bright may result in altering the surface texture. For brushed finishes the surface consists of uniform fine 'scratches' running in one direction so where abrasive cleaning is required always use a straight back and forward rubbing action in the direction of the grain.

Rust spots or 'tea stains' can occur on the surface of the material, these are normally caused by contamination from ordinary mild steel, particular in areas where construction work has been undertaken. Such stains can be removed using an abrasive pad as described above.

In cases where the surface is severely stained as a result of severe environmental conditions or scratched due to misuse, it may still be possible to restore the original finish. Contact Omos for advise on such issues.

There are many stainless steel polishes available to enhance the surface finish. Omos recommends 'Avesta Finishing chemicals' and can advise where to purchase.

Maintaining the timber

Sikkens woodstain coatings have been factory applied to this product to preserve the timber's rich colour. Dirt can be removed using mild detergents. In time re-coating will be required to maintain the original colour of the timber. Omos recommends the use of Sikkens products if and when re-coating is necessary.

If the timber is left untreated, over time it will gradually change to a silvery grey colour. The timber will remain structurally sound without further maintenance.



Above right, s31ss seat detail.

Wood Finishes

Below shows Iroko timber with factory applied micro-porous stain. This finish offers very good resistance to UV rays and provided the coating surface does not become broken the colour will not fade for several years. The coating is however vulnerable to conditions where high moisture and severe cold persist. Such conditions can cause the coating to blister and lift. Where maintenance is required the surface can be re-coated using a brush on version of the coating. Omos provide maintenance instructions for all products.



Below shows Iroko timber untreated and freshly sanded. The inset image to the right shows untreated Iroko after seven years exposure and no maintenance. When untreated the timber begins to fade within weeks of being exposed to sunlight. After a time it goes silvery grey. Despite the difference in appearance, the timber remains structurally sound. If desired the surface can be 'cut' back' using sand paper to reveal the original colour of the timber.

