

# s32 bench



*Above and right, s32 stainless steel bench with brushed polish finish.*

## description

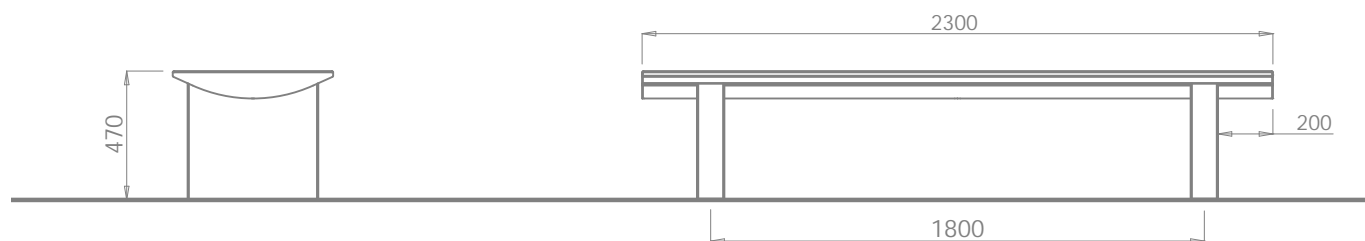
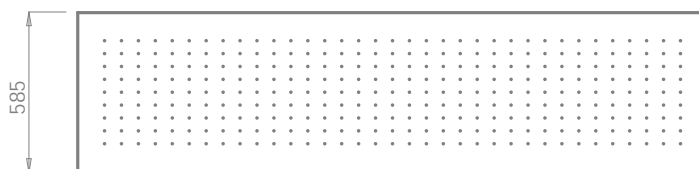
316 grade stainless steel with brushed polish finish throughout. Perforated seat surface.

## dimensions

Length 2300mm, width 585mm, height 470mm.

## options

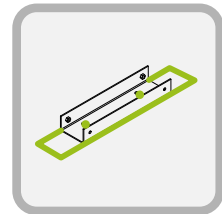
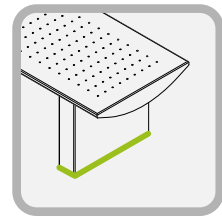
Anti- skate blocks



# s32 Fixing Instructions

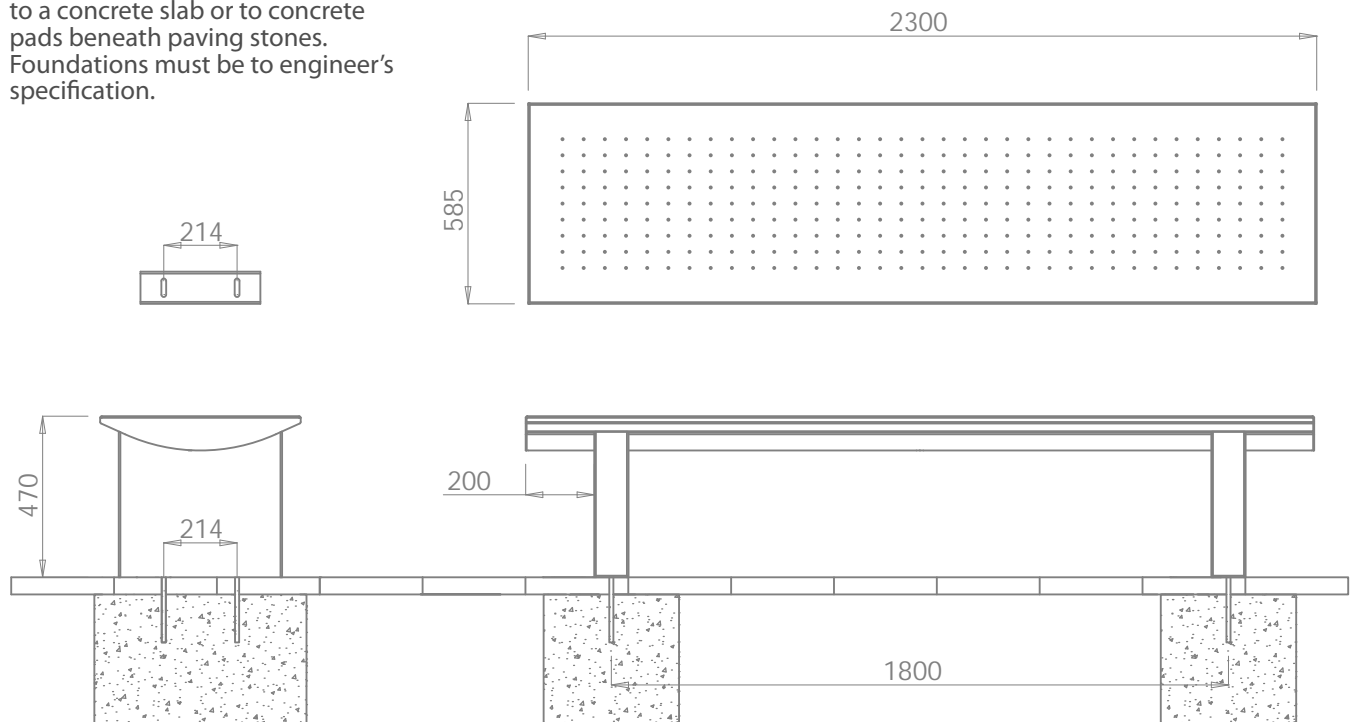
(for areas already paved)

- 1 Determine the location for the bench. Remove the pavers and excavate two holes at centres 1800mm to minimum dimensions of L600 x W600 x D400mm. The size of the foundations may vary depending on the ground conditions.
- 2 Fill the holes 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 bench in the desired location and mark around each end support using a non permanent chalk.
- 6 Remove the bench then remove the fixing brackets located inside each end and place each one centrally within the chalk marks. Mark through the fixing holes.
- 7 Remove the brackets then drill through the paving slabs into the concrete pad below. Drill following fixing manufacturer's instructions to suit the chosen fixing. Use stainless steel M12 through bolts of suitable length to fix (such as Hilti HSA-R M12 x length). **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.
- 8 Insert the fixings into the ground following fixing manufacturer's instructions. Reposition the brackets (turn them so the welded on M8 nuts are facing inwards), screw on the nuts and tighten down. Place the bench over the brackets and align the holes on the inside face of the legs. Insert and tighten in the M8 stainless steel button head screws (provided).



## Foundations

The bench 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.*

# s32 Care and Maintenance Guidelines

The s32 bench is constructed from 316 grade stainless steel, a material which is highly corrosion resistant. The finish of the bench is a brushed polish. Despite the material's corrosion resistant properties some care is required to maintain a bright 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 surface**

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 on + 353 [0]45 899802 for advice 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.



*Above right, s32 stainless steel bench detail.*