

FACTORY FURNITURE



OSSO Radial Bench
(2.0, 2.5 & 3.0m)

Introduction

Design

Design, shop drawings and development by Factory Furniture Ltd

Manufacture

Factory Furniture manufactured components. Products are assembled in Factory workshops, checked and dispatched ready for installation. Replacement products or components should be ordered direct from Factory Furniture Ltd.

Copyright

The design copyright for the product and drawing copyright remains the sole property of Factory Furniture Ltd.

Contents

Spec Sheet

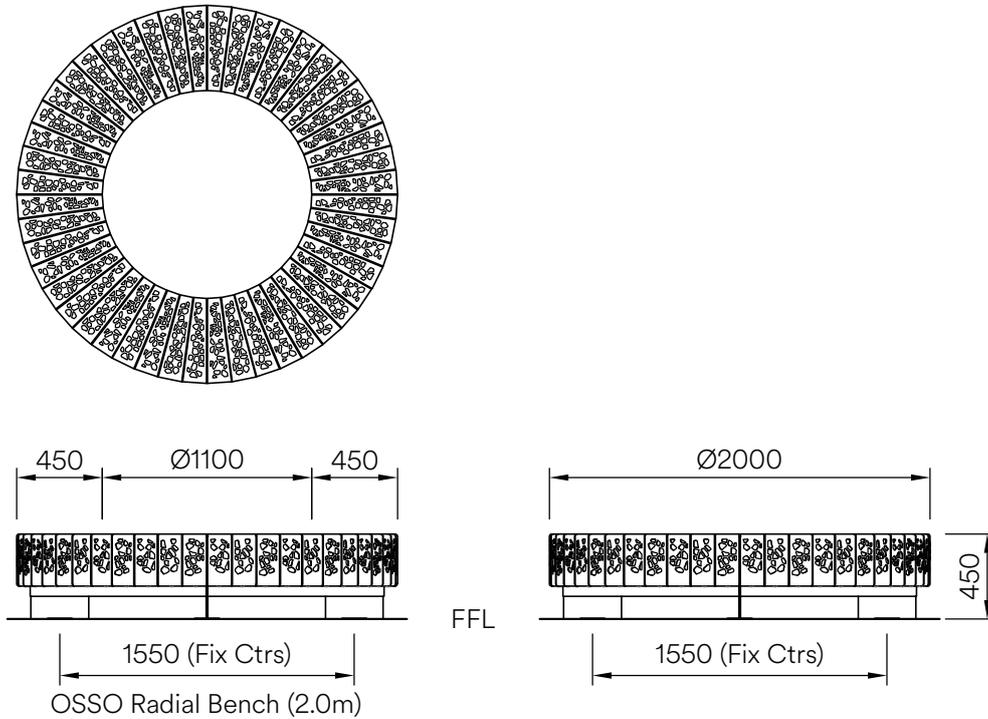
OSSO Radial Bench (2.0m)	... 3
OSSO Radial Bench (2.5m)	... 4
OSSO Radial Bench (3.0m)	... 5

Detailed Materials & Maintenance	... 6
----------------------------------	-------

Installation Instructions

OSSO Radial Bench (2.0m)	... 7
OSSO Radial Bench (2.5m)	... 8
OSSO Radial Bench (3.0m)	... 9

NBS Specifications	... 10
--------------------	--------



Composition

Slats & frame - Mild steel

Finishes

Mild steel - Hot-dip galvanised (polyester powder-coated finish available (colour as per client's specification))

Dimensions

Metric Ø 2000mm | seat depth 450mm | height 450mm

Imperial Ø 6' 6½" | seat depth 1' 5½" | height 1' 5½"

Approx weight

337kg

Fixing method

2 off Resin stud anchors per base leg (8 off anchors total)

Foundation

1 no. Ring pad Ø1950 x (400 x 300 mm) in C20 concrete (recommendation only)

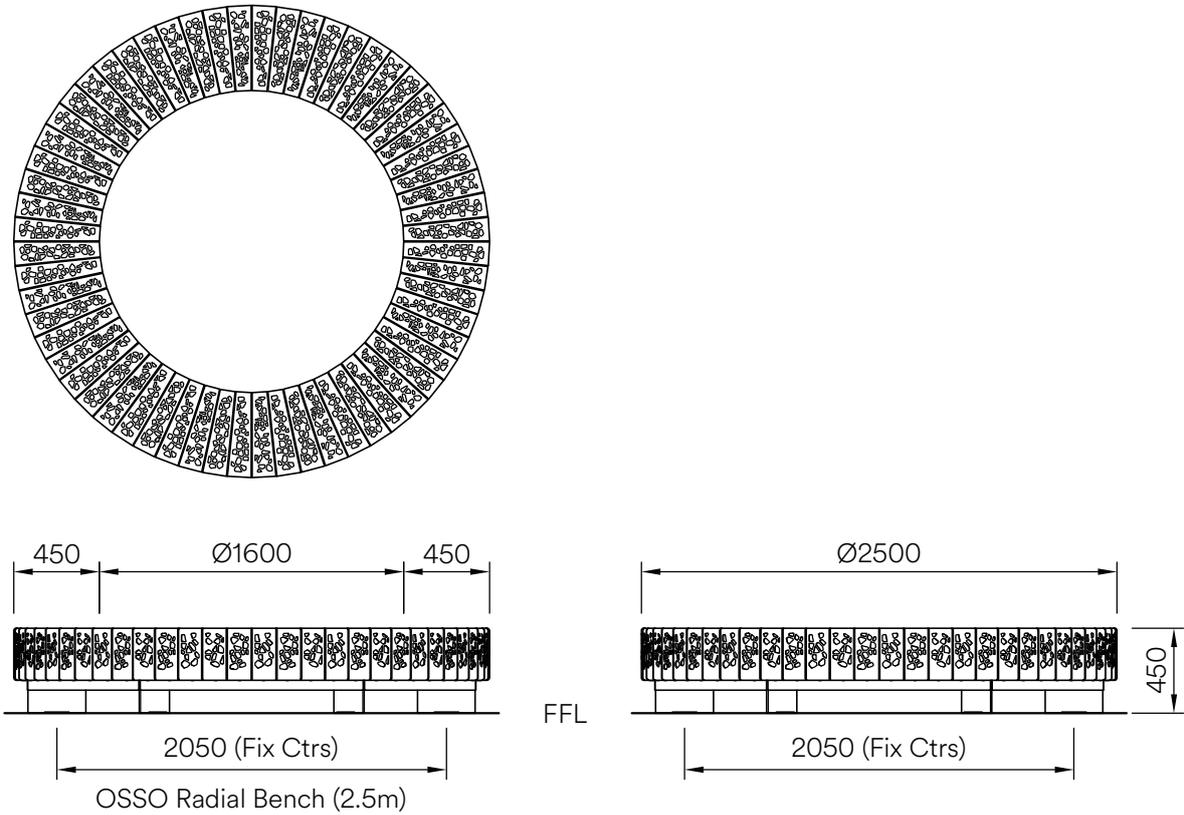
Handling

Please observe health & safety lifting guidelines. A forklift or crane will be required for off-loading and positioning of this product.

Maintenance

Depends on usage and position. All elements will require cleaning annually. Galvanised and powder coated mild steel only require maintenance if damaged.

*Please note that when a powder-coat is applied over a hot dip galvanised surface pinholing can occur in the surface finish - this is not considered a defect.



Composition

Slats & frame - Mild steel

Finishes

Mild steel - Hot-dip galvanised (polyester powder-coated finish available (colour as per client's specification))

Dimensions

Metric Ø 2500mm | seat depth 450mm | height 450mm

Imperial Ø 8' 2½" | seat depth 1' 5½" | height 1' 5½"

Approx weight

457kg

Fixing method

2 off Resin stud anchors per base leg (12 off anchors total)

Foundation

1 no. Ring pad Ø2450 x (400 x 300 mm) in C20 concrete (recommendation only)

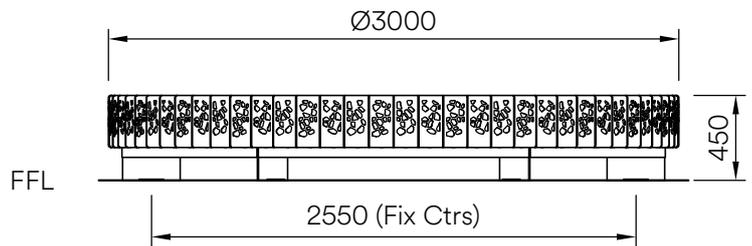
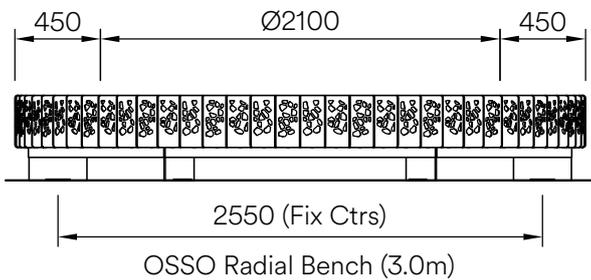
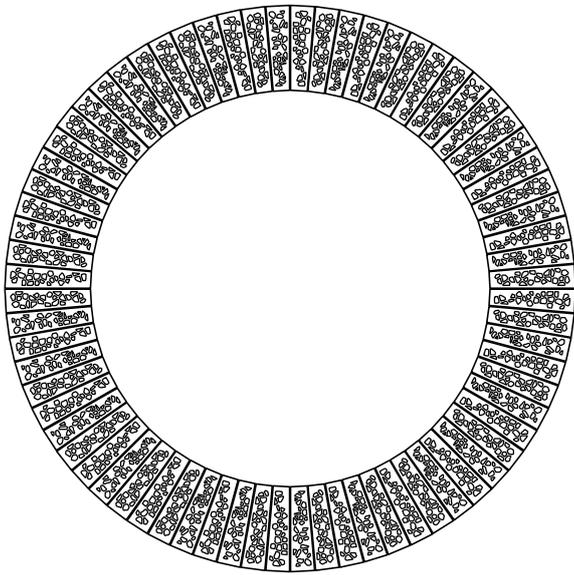
Handling

Please observe health & safety lifting guidelines. A forklift or crane will be required for off-loading and positioning of this product.

Maintenance

Depends on usage and position. All elements will require cleaning annually. Galvanised and powder coated mild steel only require maintenance if damaged.

*Please note that when a powder-coat is applied over a hot dip galvanised surface pinholing can occur in the surface finish - this is not considered a defect.



Composition

Slats & frame - Mild steel

Finishes

Mild steel - Hot-dip galvanised (polyester powder-coated finish available (colour as per client's specification))

Dimensions

Metric Ø 3000mm | seat depth 450mm | height 450mm

Imperial Ø 9' 10" | seat depth 1' 5½" | height 1' 5½"

Approx weight

545kg

Fixing method

2 off Resin stud anchors per base leg (12 off anchors total)

Foundation

1 no. Ring pad Ø2950 x (400 x 300 mm) in C20 concrete (recommendation only)

Handling

Please observe health & safety lifting guidelines. A forklift or crane will be required for off-loading and positioning of this product.

Maintenance

Depends on usage and position. All elements will require cleaning annually. Galvanised and powder coated mild steel only require maintenance if damaged.

*Please note that when a powder-coat is applied over a hot dip galvanised surface pinholing can occur in the surface finish - this is not considered a defect.

Detailed Material & Finish Specifications

Slats

- Slats manufactured from mild steel and hot-dip galvanised finish as standard (polyester powder coated finish available (colour as per customer specification)).
- Slats bolted to frame sections with 3 no. fixings each

Frame & Leg Sections

- Sections manufactured from mild steel with an all welded construction and hot-dip galvanised finish as standard (polyester powder coated finish available (colour as per customer specification)).
- 2m bench has 4 no. frame sections and 4 no. leg bases which are all bolted together.
- 2.5 & 3.0m benches have 6 no. frame sections and 6 no. leg bases which are all bolted together.
- Bench anchored to ground using 2 no. M10 x 130mm resin fix stud anchors per base leg:
 - 2m bench - 8 no. anchors total
 - 2.5m & 3m benches - 12 no. anchors total

General Maintenance (Recommended Schedule & Guidelines)

Daily/Weekly/Monthly (or as adopted)

Visual checks of bench top and frame - check all items for superficial or physical damage.

Three Monthly

Clean all items as detailed below check all fixings are seated correctly.

Six Monthly

Secure all fixings; full clean as detailed below; check that bench is firmly secured to the ground

Specific Maintenance Details

Galvanised & Polyester Powder Coated

For general cleaning using a damp cloth and warm soapy water only. Scourers and abrasive cleaners are NOT suitable for this type of finish and may damage it. Before using any cleaning agents to remove graffiti etc. try on a small, inconspicuous area first to avoid causing more unsightly damage.

Repairs

Galvanised & Polyester Powder Coated Surfaces

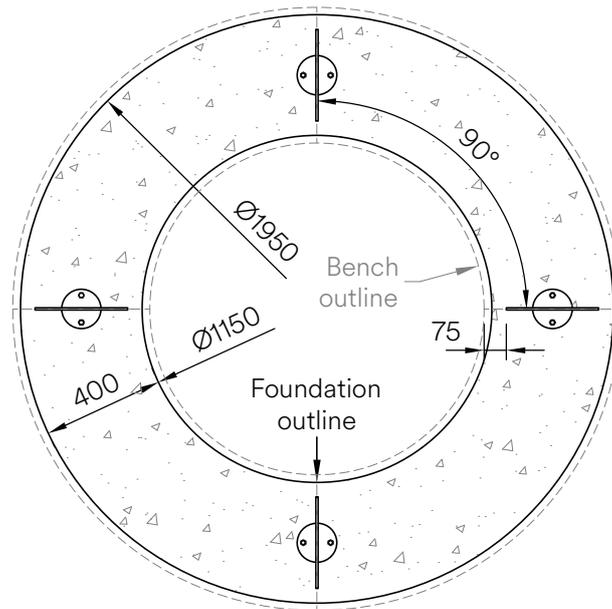
For light damage (scratches, chips etc.) repair using touch-up paint to match original colour (available from Factory Furniture Ltd). Paint application should be carried out in accordance with approved methods detailed by the paint manufacturer. Please note that it is advisable to use professional painters to achieve best results when touching up larger areas. Products for respraying larger areas are available from Factory Furniture Ltd.

Heavy Damage

In the event of serious damage to any component, replacements should be ordered from Factory Furniture Ltd. Should further assistance be required (or if the product needs to be disassembled for any reason), please contact Factory Furniture for detailed technical advice.

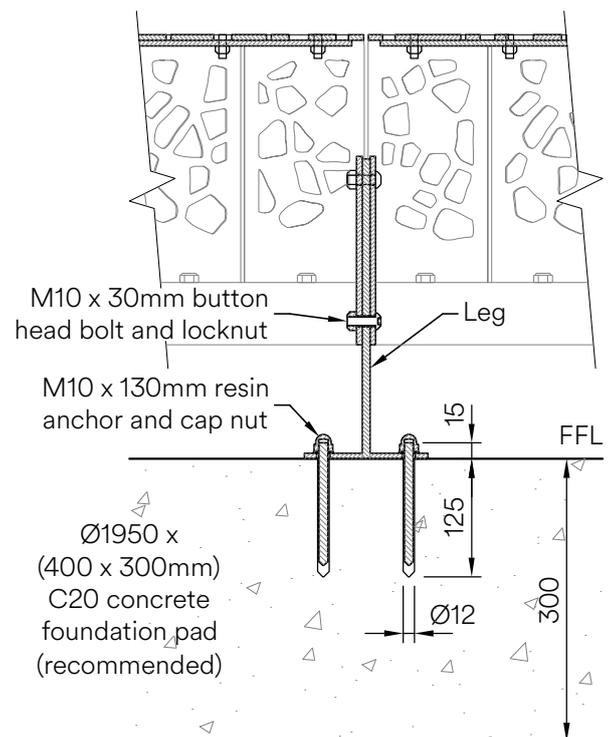
Installation Instructions

ALL INSTALLATION WORKS TO BE CARRIED OUT BY COMPETENT PERSONNEL - INSTALL AS COMPLETE UNIT



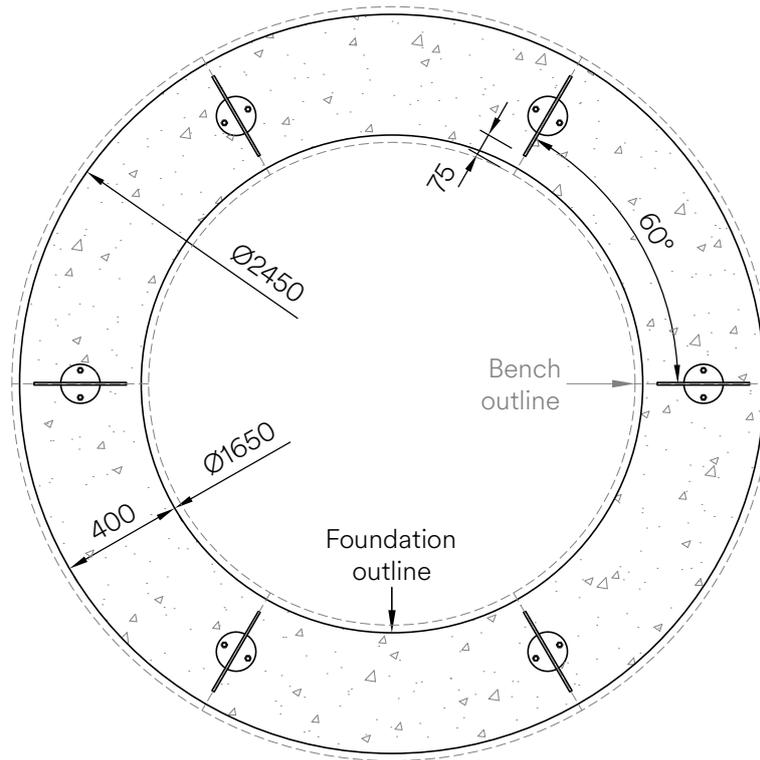
Osso Radial Bench (2.0m)

1. Install suitable foundation ring (see illustrations) with top face at ground level.
2. If necessary bolt bench frame & leg sections together using M10 nuts and bolts provided.
3. Position bench in correct position / orientation with bases centrally on foundation ring (if necessary use shims to get bench level); then mark hole positions through bases.
4. Remove bench; drill holes $\text{Ø}12\text{mm} \times 125\text{mm}$ deep (or as bolt manufacturer's recommendations).
5. Clear debris from holes.
6. Screw capnuts onto resin anchor studs (leaving some room for final tightening).
7. Fill the holes to within approximately 35mm from the top with Hilti HY150 resin (or similar).
8. Move bench back into position and drop resin anchor studs with capnuts into the holes - leave for two hours to cure before proceeding (or as per resin manufacturer's instruction).
9. Using a torque wrench, tighten nuts and washers over base plates to 20Nm to fasten down the bench.
10. Check levels.



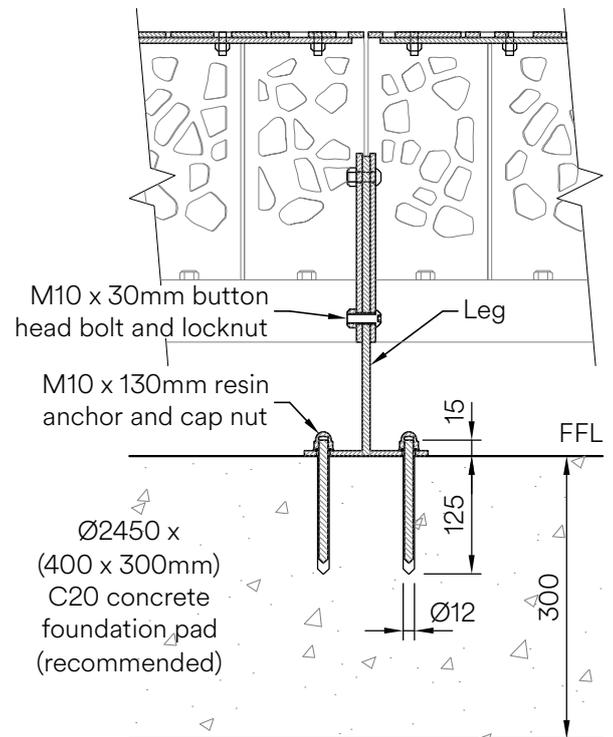
Installation Instructions

ALL INSTALLATION WORKS TO BE CARRIED OUT BY COMPETENT PERSONNEL - INSTALL AS COMPLETE UNIT



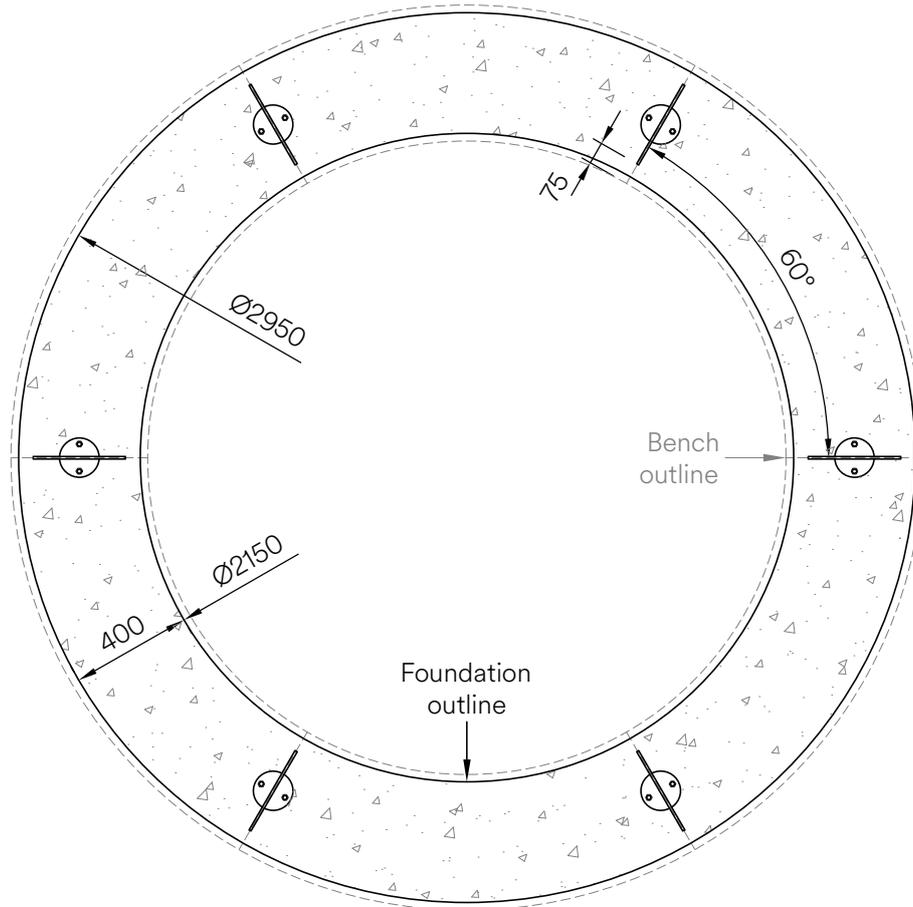
Osso Radial Bench (2.5m)

1. Install suitable foundation ring (see illustrations) with top face at ground level.
2. If necessary bolt bench frame & leg sections together using M10 nuts and bolts provided.
3. Position bench in correct position / orientation with bases centrally on foundation ring (if necessary use shims to get bench level); then mark hole positions through bases.
4. Remove bench; drill holes $\text{Ø}12\text{mm} \times 125\text{mm}$ deep (or as bolt manufacturer's recommendations).
5. Clear debris from holes.
6. Screw capnuts onto resin anchor studs (leaving some room for final tightening).
7. Fill the holes to within approximately 35mm from the top with Hilti HY150 resin (or similar).
8. Move bench back into position and drop resin anchor studs with capnuts into the holes - leave for two hours to cure before proceeding (or as per resin manufacturer's instruction).
9. Using a torque wrench, tighten nuts and washers over base plates to 20Nm to fasten down the bench.
10. Check levels.



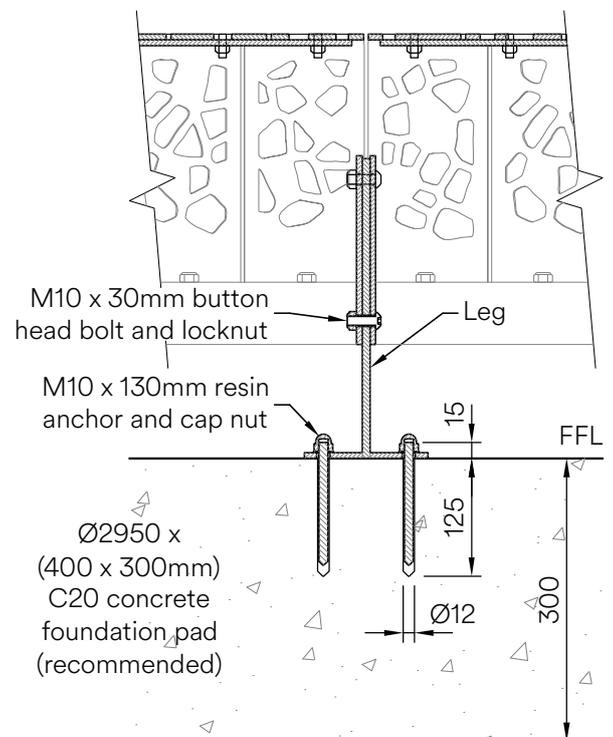
Installation Instructions

ALL INSTALLATION WORKS TO BE CARRIED OUT BY COMPETENT PERSONNEL - INSTALL AS COMPLETE UNIT



Osso Radial Bench (3.0m)

1. Install suitable foundation ring (see illustrations) with top face at ground level.
2. If necessary bolt bench frame & leg sections together using M10 nuts and bolts provided.
3. Position bench in correct position / orientation with bases centrally on foundation ring (if necessary use shims to get bench level); then mark hole positions through bases.
4. Remove bench; drill holes $\text{Ø}12\text{mm} \times 125\text{mm}$ deep (or as bolt manufacturer's recommendations).
5. Clear debris from holes.
6. Screw capnuts onto resin anchor studs (leaving some room for final tightening).
7. Fill the holes to within approximately 35mm from the top with Hilti HY150 resin (or similar).
8. Move bench back into position and drop resin anchor studs with capnuts into the holes - leave for two hours to cure before proceeding (or as per resin manufacturer's instruction).
9. Using a torque wrench, tighten nuts and washers over base plates to 20Nm to fasten down the bench.
10. Check levels.



NBS Specification Data

PRODUCT REFERENCE – FF1056 – OSSO RADIAL BENCH (20/25/30)

Description Bench comprised of mild steel
Uniclass 2015 Category Pr_40_30_29_84 Street and site benches
Design As per drawing: FF1056_1 - 3

MANUFACTURER

Name Factory Furniture Ltd
Address Unit 5 Pioneer Road, Faringdon, Oxfordshire, SN7 7BU
Website www.factoryfurniture.co.uk
Telephone +44 (0)1367 242731

MATERIAL

Frame Mild steel

FINISH

Mild steel Hot-dip galvanised (option for polyester powder coat)

SIZE

FF1056-20 Ø2000mm x 450mm (DxH)
FF1056-25 Ø2500mm x 450mm (DxH)
FF1056-30 Ø3000mm x 450mm (DxH)

FIXING

FF1056-20 8 no. resin fix anchors
FF1056-25 12 no. resin fix anchors
FF1056-30 12 no. resin fix anchors