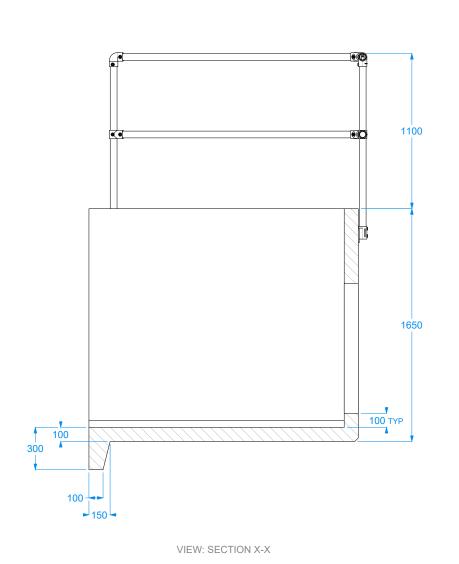


VIEW: FRONT



STANDARD FEATURES OPENING SIZE GUIDE CUSTOM DESIGN BESPOKE SOLUTIONS. CONCRETE Ø 1130 mm STEELWORK MAXIMUM · HANDRAILS **OPENING** FLOW CONTROL TYPICAL MAXIMUM PIPE SIZES: PLASTIC TWINWALL I/D: Ø 900 mm CONCRETE I/D: Ø 900 mm INTEGRAL TOE CAST-IN S/S SOCKETS ACCURATE ALIGNMENT TO JOINT FITTINGS & OPTIONAL FEATURES



















KEE KLAMP HANDRAILS

FACTORY FITTED AS STANDARD *WHERE PRACTICAL / SAFE FOR

FLOW CONTROL DEVICES FACTORY FITTED (WHERE PRACTICAL / SAFE FOR TRANSPORT) AS STANDARD

ALUMINIUM STOPLOG SYSTEM

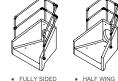


KEE KLAMP #8

AS STANDARD



 VARIOUS BOARD HEIGHT / TYPES AVAILABLE LOCKING BRACKETS & T-KEY KITS SUPPLIED. S/S FIXINGS & RUBBER SEALS AS STANDARD



(CODE: K30)

S/S FIXINGS & RUBBER SEALS / SEALANTS AS STANDARD



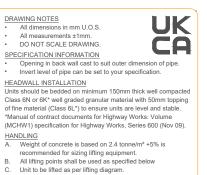




HANDRAIL SPECIFICATION

SERIES 1000 HEADWALL (1650 HIGH)





CONCRETE

A. Mix ref: Self-compacting DC4 / DS4 Mix.

Lifting strength based on 2 cubes = 20N/mm Characteristic 28 day cube strength = 50N/mm². Concrete provides Design Chemical Class 4 (DC4) to special Digest 1, Table F2.

REINFORCEMENT
A. Reinforcement to BS EN 13369.
B. Scheduling, dimensions, bends & cutting to BS8666.

Manufacture to BS EN 15258:2008 precast concrete products retaining wall elements, factory production control certificate 0086-CPR-650448 & BS EN 13369.

Cage to be machine tied with steel wire.

Tolerances to BS EN 13369 clause 4.3.1.1.
 Top
 Sides
 Rear
 Rear of Backwall

 Class
 A
 A
 Self - Levelled
 Marking, Units shall be indelibly marked to show:

Job reference number & unique product number Unit weight (kg).

Design Life as table below * (all cover sizes in mm).

Concrete structure designed to Eurocode 2. JKH have designed concrete units only, the site conditions should be assessed for suitability by the scheme designer Units are designed to withstand a vertical live load surcharge

Weight of soil = 18kN/M².
Angle of internal friction = 30 Deg.

All Faces XC3/4 XD3

FABRICATION SPECIFICATION
A. Manufacture IAW EN 1090-2 EXC CLASS 1

Kee Klamp® Galvanised Size 8 Fittings

Factory Stairways, Ladders and Handrails.
Other design loads available on request.
GRP/FRP Handrails also available.

Size 8 48.3mm OD 3.2mm Wall Thickness Galvanised Medium Duty Tube to BS EN 10255.

360N/m Design Load as stated in BS 8118, BS 6180,

BS 6399 & BS 7818, Civil Engineering Specification for the Water Industry (CESWI) 7th Edition Clause 2.60 Handrails & Balusters & The Engineering Equipment and Materials Users' Association (EEMUA) Publication 105 7th Edition

Material grade is to be: BS EN 10025 S275 Welding to IAW EN 1090-2 PARA 7.5.4 - 7.5.18

All fillet & butt welds to have minimum throat thickness of 6mm and joints fully welded where possible. Ensure vertical flats fully welded both sides where possible All sharp edges and burrs are to be removed.

Remove all weld splatter. Holes by punching are permitted with rearning.
Galvanising process after fabrication to BS EN ISO1461.

MANUFACTURE

DESIGN

of 10kN/M2.

Mould reference code. De-mould date.



GRATINGS & TRASH SCREENS

FACTORY FITTED AS STANDARD *WHERE PRACTICAL / SAFE FOR TRANSPORT FULLY WELDED, HOT DIP GALVANISED STEEL & S/S FIXINGS AS STANDARD















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DRAWING TITLE:

LEVEL WINGWALL STANDARD & OPTIONAL FEATURES

TOTAL WEIGHT (CASTINGS ONLY): 2800 kg

CONCRETE MIX DESIGN

CO² EMISSION REDUCTION ★ -50%

DRAWN: PN | ISSUE #: 01 | SHEET #: 1 of 1 | DATE: 12/2/24

1000-1650-LW