





GLOBAL BRAND  
OF **VERSATILE**  
**HIGH QUALITY**  
**GALVANISED**  
**MALLEABLE**  
**IRON HANDRAIL**  
**FITTINGS** WITH A  
MULTITUDE OF USES.



Interclamp is a global brand of versatile high quality malleable iron pipe fittings with a multitude of uses. Designed for easy, simple and fast erection of rigid structures by hand with the minimum of tools, Interclamp is a cost effective, efficient system, particularly compared with traditional methods of construction such as welding, where specialist tools, extensive training and experience are required.

Due to the simple to specify wide range of Interclamp fittings held in stock, the components for permanent or indeed temporary tubular structures can be easily ordered and quickly despatched to your premises or site. The lack of prior fabrication required provides clear benefits over alternative types of construction methods, due to quick lead-times and savings in transport costs as a result of the off-the-shelf "kit form" of the Interclamp system including tubes.

The premium features of our product have firmly placed Interclamp as a leading brand of choice for tubular clamp components worldwide for many years.



More than just handrails...





# WHY INTERCLAMP?

## Trust Genuine Interclamp®

To differentiate the Interclamp range from other systems and methods of construction, various advanced features have been incorporated into the design, production and finish of the fittings, with the clear aim of optimising the high quality and long life of the product. You can therefore be confident in your choice of brand.



- BAUART GEPRÜFT
- TYPE APPROVED

1

### HIGH QUALITY GALVANISED FINISH

Interclamp components are hot-dipped galvanised to BS EN ISO 1461:2009 giving a corrosion resistant finish for an extended life.

2

### VIBRATION RESISTANCE

Interclamp fittings have been successfully subjected to stringent vibration endurance resistance tests by an accredited independent test laboratory.

3

### PRODUCT CONSISTENCY

Optimal production techniques and stringent quality controls ensure a reliable and consistent product.

4

### EASY IDENTIFICATION

Each fitting is clearly marked with the type & size for ease of identification.

5

### INTERCLAMP DOUBLE COATING

Interclamp fittings feature a secondary coating over the hot-dipped galvanising to enhance corrosion protection and to extend the life of the product. This gives Interclamp the benefit of a premium quality, aesthetically pleasing finish.

6

### RECOGNISED BRAND

Every fitting carries the recognised Interclamp brand as sign of quality and to aid traceability.

7

### STAINLESS STEEL SCREWS

For increased corrosion resistance.

### PRODUCT TESTING

The core range of Interclamp fittings has been tested and type approved by TÜV Rheinland, the leading worldwide independent test house. Additional vibration resistance assessments and load tests have also been conducted by other independent test facilities.

## FEATURES



### MODULAR

Versatile and modular galvanised handrail tube and pipe clamp fittings.



### SIMPLE TO SPECIFY

Extensive range of clearly marked fittings makes specification of structures simple.



### EASY TO ORDER

Ex-stock and reduced transportation costs in comparison to pre-fabricated solutions.



### QUICK RESPONSE

We strive for a quick response and fast turn around on all quotations and orders.



### RAPID TO ASSEMBLE

Using a simple hexagon key or Interclamp ratchet. Fast construction of varied structures possible with the minimum of tools.



### NO WELD

No welding required. Eliminates the need to carry bulky welding equipment from site to site and hot work permits.

# INFORMATION



## DESIGN & MATERIALS



Interclamps are made from malleable iron manufactured in conformance with BS EN 1562:2019, a dependable and well proven material for this type of product. The fittings are hot-dipped galvanised to BS EN ISO 1461:2009, giving a durable corrosion resistant finished surface for extended life. A secondary additional coating is then applied over the top of the galvanising, to enhance further the corrosion protection and to offer a premium quality, aesthetically pleasing appearance. High quality stainless steel setscrews, which are specified in the optimal size for each size range, contribute significantly to the high structural integrity of the Interclamp fitting.

## ISO 9001:2015 & RISQS (LINK-UP) APPROVED



Our management systems in Great Britain have been assessed and certified as meeting the requirements of ISO 9001:2015 by SGS United Kingdom Ltd (UKAS-accredited) under certificate number GB96/6175.00. In addition, we are a RISQS (Link-Up) approved supplier to the UK rail industry via the Rail Industry Supplier Qualification System (RISQS).



GB96/6175.00

## INDEPENDENT TESTING



In addition to the tests conducted by TÜV Rheinland, a series of stringent vibration endurance tests has been successfully passed, which was conducted by a UKAS-accredited independent test laboratory, in order to evaluate the vibration resistance of the standard Interclamp setscrews.

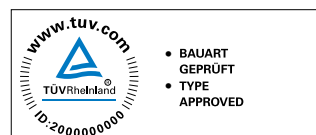
Load tests on typical traditional Interclamp and DDA Assist handrail structures, including Interclamp Pedestrian Barriers, have been accomplished by a NATA-accredited test facility. The Interclamp Roof Edge system has been tested as fully compliant to BS EN ISO 13374:2013 Class A and BS EN ISO 14122-3:2016 by an independent UKAS-accredited laboratory.

The results of beam tests for uniformly distributed loads are also available.

## TÜV RHEINLAND PRODUCT SAFETY TYPE APPROVAL



The core range of Interclamps is subject to periodic rigorous testing and continuous product safety type approval by TÜV Rheinland, the leading independent test house across the globe.



## POWDER COATING



For customising to specific end-user requirements, powder coating may be applied over the galvanising of the tubes in a wide spectrum of RAL or BS colours on request, including Interclamp Safety Yellow. Where necessary, powder coating may also be applied to the Interclamp fittings as well. Please contact us with your requirements, so that we can discuss the options available to meet the needs of your exact specification, including fire resistance to British and European Standards and customer-specific fire safety performance.



## SIZES



Five different size ranges of Interclamp are available as shown in the table, hence a suitable size can be selected for any particular application.

Interclamps are easily identified by a type number of each design, e.g. 125, followed by a size code, e.g. D48, the latter part of which corresponds with the approximate outside diameter of the tube to be used (48.3mm = 1 1/2" nominal bore in this case). Hence a 90° elbow suitable for a 1 1/2" nominal bore tube in this example would be denoted as a 125-D48.



*\* Image for illustrative purpose only, not drawn to scale.*

INTERCLAMP SIZE	NOMINAL BORE	OUTSIDE DIAMETER
A27	3/4"	26.9mm
B34	1"	33.7mm
C42	1 1/4"	42.4mm
D48	1 1/2"	48.3mm
E60	2"	60.3mm

## FAST DELIVERY



Interclamp strives to bring you industry-leading levels of response and delivery from the moment your enquiry or order is received until delivery to your door.

## TECHNICAL SUPPORT



As a long-established brand, we have built up an enviable amount of experience, data and other information on the Interclamp range over the years. Our technical team is available to help you in your selection of the right products for your particular application.

## SUSTAINABILITY



In order to help meet ever more stringent building codes for sustainability in new home construction and commercial developments, we are pleased to confirm that the core Interclamp handrail range contains a very high percentage of recycled materials. Furthermore, when the product eventually comes to its end of life, it can easily be recycled globally via local waste metal recovery facilities.



# APPLICATIONS



Although most commonly used in handrailing and safety guardrailing situations, the variety of structures made possible by the wide extent of the versatile range is only limited by your ingenuity. In addition, custom designed Interclamps are available on request. Illustrated in this catalogue are the main types of Interclamp designs available.

Please note that we are continuously expanding and developing our range, so if the fitting or size you require is not shown, please contact us. Certain illustrations show powder coated Interclamp fittings, tube and pedestrian barriers available at extra cost. Some photographs shown are of foreign applications which do not necessarily conform to all market specifications.







## SAFETY

Fences &  
Security Fencing  
Railway Guardrailing  
Safety Guardrails  
Roof Guardrails  
Staircase Handrails  
Machinery Guards  
& Enclosures  
Roof Top Fall  
Prevention Systems

## INDUSTRY SECTORS

Machinery Guards  
& Enclosures  
Highway Control  
Installations  
Road Signs  
Heavy Duty  
Workstations  
Agricultural  
Enclosures  
Industrial &  
Domestic Furniture  
Civic Amenity /  
Recycling Sites  
Shipbuilding  
Access Platforms /  
Mezzanine Floors  
Smoking Shelters  
Milking Parlours  
Water Treatment Works  
Staircase Handrails

## DOMESTIC

Greenhouses  
Wheelchair  
Access Ramps  
Solar Panel  
Supports

## RETAIL

Racking  
Garment Racking  
Market Stalls  
Displays  
& Shopfitting  
General Signage

## SPORTS & LEISURE

Playground  
Equipment  
Cycle Racks  
& Trolley Bays  
Practice Nets  
(Golf, Cricket, etc.)  
Sports Grounds  
& Arenas  
Theme Park Queue  
Management  
Film Sets





# Interclamp® Fittings

<b>101</b> A27 B34 C42 D48 E60		<b>101</b> C42/B34 D48/B34 D48/C42 E60/D48 B34/C42 C42/D48		<b>104</b> A27 B34 C42 D48 E60		<b>116</b> A27 B34 C42 D48 E60		<b>117X</b> D48 Retro-Fit	
<b>117X</b> D48 Retro-Fit		<b>117Y</b> D48 Retro-Fit		<b>117Y</b> D48 Retro-Fit		<b>117Y</b> D48 Retro-Fit		<b>119</b> A27 B34 C42 D48 E60	
<b>119</b> C42/D48		<b>123</b> B34 C42 D48 40° - 70°		<b>124</b> B34 C42 D48 15° - 60°		<b>125</b> A27 B34 C42 D48 E60		<b>125</b> D48/C42	
<b>127</b> B34 C42 D48 30° - 45°		<b>128</b> A27 B34 C42 D48 E60		<b>129</b> A27 B34 C42 D48 30° - 60°		<b>130</b> B34 C42 D48 30° - 45°		<b>131</b> A27 B34 C42 D48 E60	
<b>132</b> A27 B34 C42 D48 E60		<b>133</b> A27 B34 C42 D48 E60 PLASTIC		<b>134</b> B34 C42 D48		<b>135</b> A27 B34 C42 D48 E60		<b>135Y</b> D48	
<b>136</b> C42 D48		<b>137</b> D48		<b>138</b> A27 B34 C42 D48		<b>140</b> A27 B34 C42 D48		<b>143</b> A27 B34 C42 D48	
<b>144</b> B34 C42 D48		<b>145</b> B34 C42 D48		<b>146</b> B34 C42 D48		<b>147</b> B34 C42 D48		<b>148*</b> A27 B34 C42 D48 E60	
<b>149</b> A27 B34 C42 D48 E60		<b>150</b> B34 C42 D48		<b>152</b> B34 C42 D48 0° - 11°		<b>153</b> B34 C42 D48 0° - 11°		<b>154</b> B34 C42 D48 0° - 11°	
<b>155</b> B34 C42 D48 0° - 11°		<b>156</b> B34 C42 D48 0° - 11°		<b>158</b> A27 B34 C42 D48 E60		<b>160</b> A27 B34 C42 D48 E60		<b>161</b> A27 B34 C42 D48 E60	



<b>161</b> B34/A27 C42/B34 D48/B34 D48/C42 E60/D48		<b>165</b> B34 C42 D48 E60		<b>166</b> 0° - 120° B34 C42 D48 E60		<b>167</b> A27 B34 C42 D48 E60		<b>167M</b> A27 B34 C42 D48 E60	
<b>168</b> A27 B34 C42 D48 E60		<b>168M</b> A27 B34 C42 D48 E60		<b>169</b> A27 B34 C42 D48 E60		<b>169M</b>		<b>170</b> A27 B34 C42 D48 E60	
<b>171</b> A27 B34 C42 D48 E60		<b>172*</b> C42 D48		<b>172M*</b> C42 D48		<b>173</b> A27 B34 C42 D48 E60		<b>173F</b> A27 B34 C42 D48 E60	
<b>173M</b> A27 B34 C42 D48 E60		<b>174</b> D48		<b>174M</b> D48		<b>175</b> D48		<b>175M</b> D48	
<b>176</b> A27 B34 C42 D48 E60		<b>179</b> A27 B34 C42 D48 E60		<b>182</b> A27 B34 C42 D48		<b>185</b> D48		<b>191</b> 27½° D48	
<b>192</b> B34 C42 D48		<b>197</b> D48		<b>198</b> B34 C42 D48		<b>199</b> B34 C42 D48		<b>232</b> D48	
<b>234</b> D48		<b>242</b> C42 D48		<b>245</b> D48		<b>245S</b> D48		<b>246</b> B34 C42 D48	
<b>251</b> 30° - 45° B34 C42 D48		<b>252</b> D48		<b>253</b> 11° - 29° D48		<b>255</b> 11° - 29° D48		<b>256</b> 11° - 29° D48	
<b>300*</b> AB CDE		<b>302</b>		<b>303*</b> AB CDE		<b>310</b>		<b>333</b> A27 B34 C42 D48 E60	
<b>301*</b> AB CDE		<b>304*</b> AB CDE							

\*Illustration shows multiple fittings

WWW.INTERCLAMP.COM



The Interclamp Assist range has been especially designed to help compliance with the public access requirements of the Equality Act 2010 (formerly DDA), BS 8300:2018 and Building Regulations Part M 2015/16. In order to give our customers more choice, a range of both internally expanding clamps and saddle type fittings is available, neither of which requires the use of welding, threading or specialist tools.

Our classic range of internally expanding fittings requires no riveting or drilling of tube, whereas the saddle-type fittings require less tube cutting and hence easier handrail alignment. No other special fittings are required, which enables full integration with both new Interclamp systems and the refurbishment or upgrading of existing tubular structures to help meet the newer access specifications.

In order to meet the requirements of the above standards, the range forms flush joints with size C42 tube. Tube (and fittings where necessary) may be coated in RAL or BS colours to help meet “not cold to the touch” and contrasting colour requirements. Steps and disabled access slopes may easily be accommodated, facilitating compliance with public access standards.

For C42 size internally expanding Assist fittings (as with type 150), tubes must be 42.4mm od x 3.2mm wall thickness e.g. 1 1/4" medium weight to BS EN 10255 (formerly BS1387). All cut tube ends must be deburred and treated with Interclamp Silver Galvanising Spray or other suitable protection. Optional O-rings may be fitted to each end of the expanding Assist fittings to achieve the best finish.

Certain fittings are also available to suit D48 handrails.



## WITH DDA COMPLIANT HANDRAILS



SMOOTH, CONTINUOUS, IN-LINE DISABILITY HANDRAIL RANGE.



COMPATIBLE FOR USE IN CONJUNCTION WITH THE STANDARD INTERCLAMP RANGE



EASY ACCOMMODATION OF SLOPES AND ACCESS RAMPS



HELPS MEET DDA COMPLIANCE



POWDER COATING AVAILABLE TO SUIT CONTRASTING COLOUR REQUIREMENTS



NO WELDING REQUIRED



QUICK AND EASY TO INSTALL WITH MINIMAL TOOLS



SAVE TIME AND MONEY VS PRE-FABRICATION



EX-STOCK AND EASY TO TRANSPORT





# DDA COMPLIANT HANDRAILS



720 C42		721 C42		724 C42		725 C42	
728 C42		729 C42		731 C42		745 C42 D48	
746 C42		747 C42 D48		748 C42		750♦ C42 C42/D48 D48	
751♦ C42 C42/D48		764** C42		797 C42 D48		798* PH2	
799* PH2		390 400ml		<p>* Illustration shows multiple fittings. ** Requires 2 x 150-C42 (not shown) or other expanding fittings. ♦ Requires assembly.</p>			

## A SAMPLE OF TYPICAL CONFIGURATIONS

		729 C42 + 125 C42		747 C42 + 101 C42 + 133 C42	
		747 C42 + 125 C42		747 C42 + 104 C42	
		724 C42 + 748 C42 + 125 C42		721 C42 + 125 D48/C42 + 101 D48/C42 + 748 C42	
		725 C42 + 731 C42		<p>Some configurations are shown with optional O-rings and some require multiple fittings.</p>	

# Interclamp® Safety Post

Interclamp Safety Post is designed to be a replacement for traditional ball standard handrail systems. Simply choose the posts and rails required and assemble on site.

## 4000 SERIES STANDARD SAFETY POSTS

A rapid assembly and cost effective solution for industrial and workplace safety barriers. Ideal for machinery guardrails, zone segregation and personnel safety.

## 5000 SERIES DDA ASSIST SAFETY POSTS

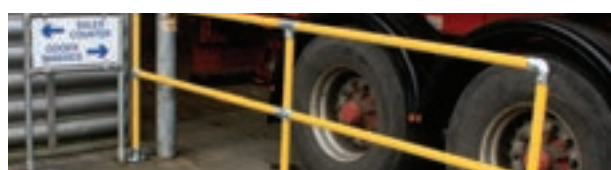
To help compliance with the Equality Act 2010 (formerly DDA) and Building Regulations Part M 2015/16 requirements, the 5000 Series Assist DDA Safety Post offers a simple solution for creating DDA handrailing structures. Ideal for public access installations including shops, schools, colleges, banks, hospitals, restaurants and public institutions.



AVAILABLE IN 2 COLOURS



GALVANISED



SAFETY YELLOW



## A SIMPLIFIED MODULAR HANDRAIL SYSTEM



SAVES TIME  
AND MONEY



SIMPLIFIES  
SPECIFICATION AND  
INSTALLATION



BALL STANDARD  
REPLACEMENT SYSTEM



AVAILABLE OFF THE  
SHELF FOR RAPID  
DELIVERY



AVAILABLE IN BOTH  
GALVANISED AND  
SAFETY YELLOW



NO WELDING  
REQUIRED



RAPID TO INSTALL



MODULAR HANDRAIL  
SYSTEM



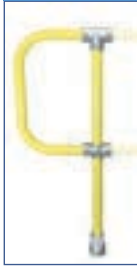



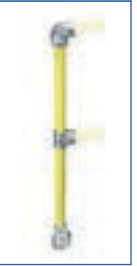
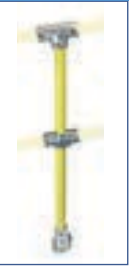
MINIMUM OF TOOLS  
REQUIRED











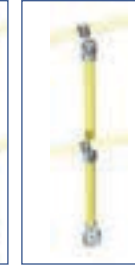
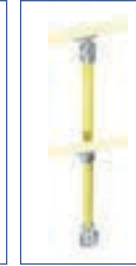
# A SIMPLIFIED MODULAR HANDRAIL SYSTEM

## 4000 SERIES - STANDARD SAFETY POSTS







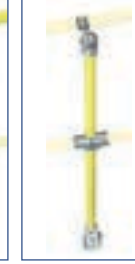
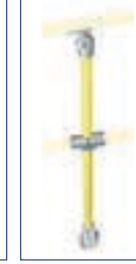
RETURN TERMINATION	END POST	MID POST	CORNER POST	END POST 0 - 11°	MID POST 0 - 11°	SIZING CHART		
						SIZE	C42	D48
						POST	C42	D48
						MID RAIL	C42	D48
						TOP RAIL	C42	D48

## 5000 SERIES - DDA ASSIST SAFETY POSTS

### 5140 - DDA ASSIST OFFSET TOP & OFFSET MIDDLE RAILS

LEVEL SITES					SLOPING SITES (0 - 11°)			SIZING CHART		
RETURN TERMINATION	EXTERNAL 90° CORNER	INTERNAL 90° CORNER	EXPANDING MID POST	SADDLE MID POST	RAMP TERMINATION*	EXPANDING MID POST	SADDLE MID POST	SIZE	C42	D48
								POST	C42	D48
								MID RAIL	C42	C42
								TOP RAIL	C42	C42

### 5080 - DDA ASSIST OFFSET TOP & INLINE MIDDLE RAILS

LEVEL SITES					SLOPING SITES (0 - 11°)			SIZING CHART		
END TERMINATION	EXTERNAL 90° CORNER	INTERNAL 90° CORNER	EXPANDING MID POST	SADDLE MID POST	RAMP TERMINATION	EXPANDING MID POST	SADDLE MID POST	SIZE	C42	D48
								POST	C42	D48
								MID RAIL	C42	D48
								TOP RAIL	C42	C42

## ACCESSORIES 3m RAILS

150 B34 C42 D48		764 C42		797 C42 D48		395 D48		3m C42 D48	
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DISCLAIMER: Products illustrated show Interclamp Safety Yellow polyester powder coated finish. Horizontal tubes (pale yellow) are not included, as purchased separately.

# Interclamp® Barrier

The Interclamp Galvanised Pedestrian Barrier is designed to integrate fully with the Interclamp handrail system and provide rapid construction of pedestrian control structures.

The galvanised barrier offers strength, durability and versatility enabling it to be used in a wide variety of applications. Panels can be shipped directly to site as a complete package by selecting the relevant posts for the installation.

## SPECIFICATION

Top and bottom handrails are 1 1/2" nominal bore (48.3mm od) galvanised tube with 12mm diameter solid vertical bars. To improve visibility for drivers through the barriers, the bars are staggered. Following fabrication, the barriers are hot-dipped galvanised in accordance with BS EN ISO 1461:2009. The galvanised barriers meet the infill requirements of Sections 2.4.1 and 2.4.2 of BS7818:1995 (Pedestrian Restraint Systems in Metal).

## PEDESTRIAN BARRIER

2 sizes are available, 900mm wide by 1000mm high and 1800mm wide by 1000mm high for erection with D48 size Interclamp handrail fittings. Galvanised barriers can also be quickly custom made with different dimensions to suit individual requirements. Please note that some illustrations show Pedestrian Barriers with optional powder coating (available at extra cost in a wide range of RAL & BS standards).

We have a full range of barrier panel posts that integrate with the Interclamp Barrier Panel. The posts come ready to use fitted with either the 232 Heavy Duty Base Fitting or the 242 Heavy Duty Base with Toe Board Fixing.

**WE ALSO SUPPLY GALVANISED MESH PANELS TO SUIT BOTH TRADITIONAL AND DDA ASSIST INTERCLAMP SYSTEMS**



## A RAPID ASSEMBLY MODULAR BARRIER SYSTEM



**FAST, EASY  
INSTALLATION**



**MINIMISES DESIGN &  
FABRICATION TIMES**



**COMPATIBLE WITH THE  
STANDARD INTERCLAMP  
RANGE INCLUDING  
ASSIST**



**AVAILABLE OFF THE  
SHELF FOR RAPID  
DELIVERY & EASY TO  
TRANSPORT**



**NO WELDING OR  
BENDING ON-SITE  
REQUIRED**



**STAGGERED INFILL BARS  
PROVIDE ENHANCED  
VISIBILITY**



**REDUCED CLIMBING  
POTENTIAL DUE TO THE  
ABSENCE OF A MIDDLE  
RAIL**



**CAN BE DELIVERED  
TO SITE WITH PRE-  
ASSEMBLED UPRIGHTS,  
READY TO INSTALL**

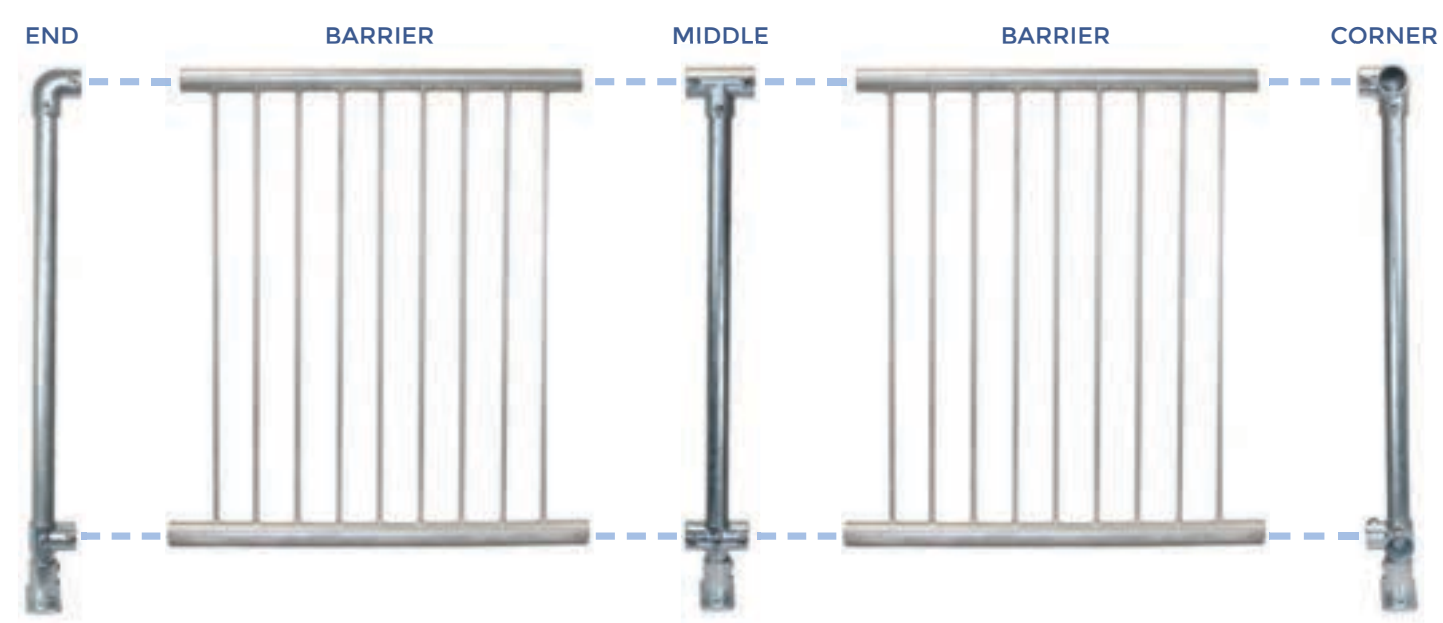


**DURABLE GALVANISED  
FINISH AS STANDARD  
FOR USE IN DEMANDING  
ENVIRONMENTS**






# A RAPID ASSEMBLY MODULAR BARRIER SYSTEM



PANELS CAN BE SHIPPED DIRECTLY TO SITE AS A COMPLETE PACKAGE WITH THE RELEVANT POSTS

END		MIDDLE			CORNER
D48	D48	PEDESTRIAN BARRIER IN 900mm & 1800mm	D48	D48	D48
					





The Interclamp FRP/GRP range is designed for both more demanding applications and general handrailing (as a quick and easy chip-resistant alternative to powder coated structures).

The robust, impact-resistant material will naturally not corrode and can cope with a very wide range of chemicals, so it is frequently found in water treatment facilities, chemical processing plants, marine and offshore applications and specialist manufacturing sites, where more aggressive environments may exist. Our FRP range benefits from low electrical conductivity, so is typically suited to handrails and guardrails situated close to electrical installations including railways. Low thermal conductivity is also an integral feature, avoiding the tube and fittings from being "cold to the touch" in extreme temperatures. The Interclamp FRP range is fire resistant and has been tested in Great Britain and classified as BS 476: Part 7 : 1997 Class 2 by a UKAS accredited laboratory. For further information about the test or other specifications, please contact us.

FRP's light weight when compared with steel structures means that both transport and handling on site are easier. As with all Interclamp solutions, welding is avoided and the minimum of tools is required for fast erection. Grade 316 stainless steel fasteners are supplied with each fitting, to maintain the corrosion resistance of the complete structure.

## AVAILABLE IN 2 COLOURS



GREY



SAFETY YELLOW



## FOR DEMANDING ENVIRONMENTS



ROBUST  
AND DURABLE



GRADE 316 STAINLESS  
STEEL FASTENERS



NON-CORRODING SO  
MINIMAL MAINTENANCE



UV-RESISTANT FOR  
LONG SERVICE



LOW ELECTRICAL  
CONDUCTIVITY  
FOR PROXIMITY  
TO ELECTRICAL  
INSTALLATIONS



LIGHTWEIGHT FOR  
TRANSPORT



NOT COLD TO THE  
TOUCH FOR EXTREME  
TEMPERATURES



FIRE RETARDANT  
AND RESISTS MOST  
CHEMICALS



SAFETY YELLOW OR  
GREY SO NO NEED FOR  
PAINTING OR COATING





# FOR DEMANDING ENVIRONMENTS

<b>F101</b> D50		<b>F104</b> D50		<b>F116</b> D50		<b>F119</b> D50		<b>F120</b> D50	120° 
<b>F121</b> D50	135° 	<b>F122</b> D50	150° 	<b>F125</b> D50		<b>F128</b> D50		<b>F129</b> D50	60° 
<b>F130</b> D50	60° 	<b>F131</b> D50		<b>F145</b> D50		<b>F166</b> D50		<b>F167</b> D50	
<b>F173</b> D50		<b>F232</b> D50		<b>F764</b> D50		<b>TUBE</b> D50		<b>FKP</b> D50	
<b>F300</b> D50		<div>FOR THE COMPLETE PACKAGE, WE ALSO STOCK AND SUPPLY TUBE TO SUIT</div>							



# Interclamp® Easyguard

Easyguard is a system of permanent freestanding handrails for roof perimeters and the designation of access ways and fire escapes, suitable for both retrofit and new build.

Easyguard is non-penetrative, eliminating the risk of future leaks associated with penetrative systems and alleviating the need for weatherproofing around posts and associated costs. The system is flat footed and slides easily underneath rooftop obstructions, therefore providing minimal trip hazard. A kick plate / toeboard can be specified where required to meet regulations.

Easyguard is galvanised to BS EN ISO 1461:2009 and is also available powder coated, again over galvanised steel to ensure the longevity of the system and its coating. The base plates are fitted with bonded ribbed rubber mats, which include an EPDM foam infill. The foam infill reduces heat transfer to the membrane to reduce membrane degradation. Easyguard is adjustable by up to 250mm, and is levelled to the line of the building and against the falls of the roof, improving the aesthetics from ground level. The system has been successfully independently tested in the United Kingdom to BS EN 13374:2013 Class A (Temporary Edge Protection Systems) and BS EN ISO 14122-3:2016 (Safety of Machinery - Permanent Means of Access to Machinery - Stairs, Stepladders and Guard-rails). The system is also designed to BS/EN/SR 15 1988 and is compliant to BS6180 for maintenance use, BS6399 Part 2, and CP3 wind loads. Easyguard can be installed in reverse for unobstructed walkways and can be terminated by wall fixings, 2m return ends, or suitable counterweights.

New asphalt roofs may require tiles beneath base assemblies to prevent the system from sinking, with advice sought from your asphalt manufacturer. Heavier duty fixed rails can be designed to meet most loads and comply with BS6180. Fixed rails can be fixed to both vertical and horizontal faces of parapet walls or upstands for applications where this is preferred.



## ROOF-EDGE PROTECTION SYSTEM







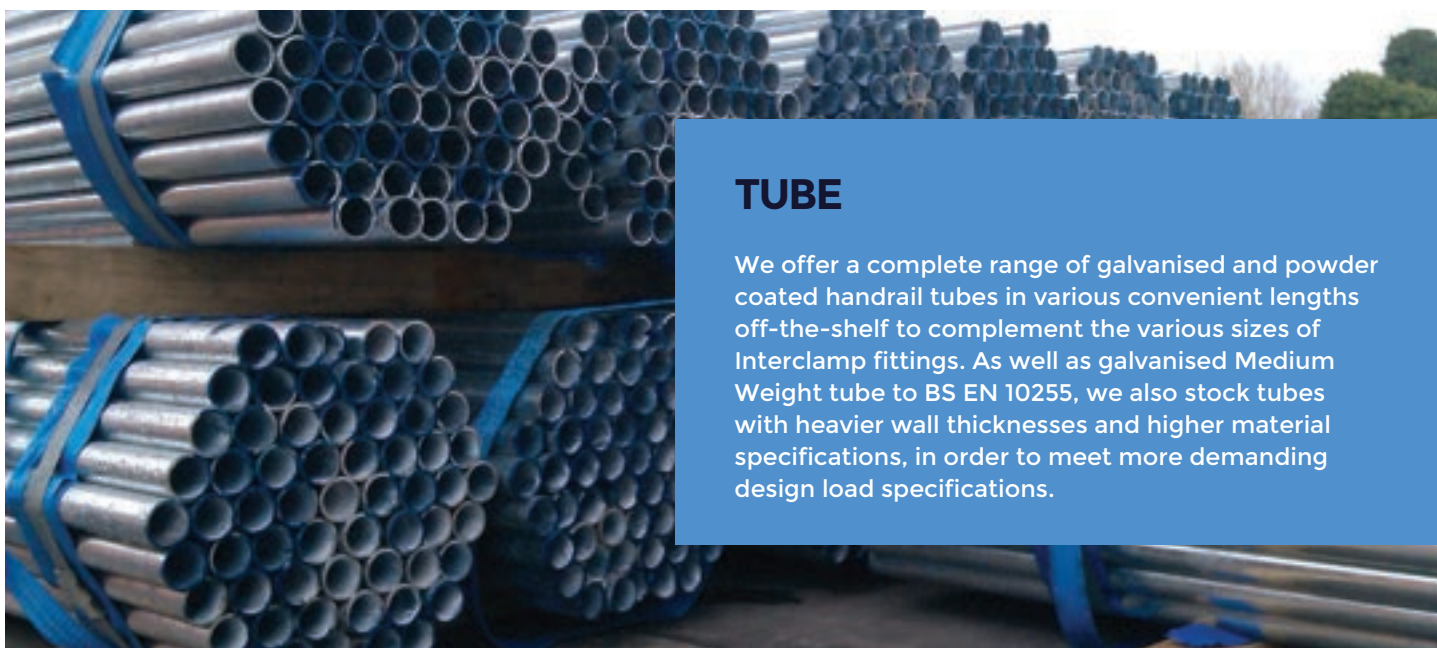
## SELF-CLOSING SAFETY GATE

Interclamp Self-Closing Safety Gates feature an adjustable and durable spring-loaded self-closing hinge to automatically close the gate for personnel protection. Compatible with standard Interclamp fittings and the Safety Post range, the Self-Closing Gates are quick and easy to install. The gates are height adjustable and supplied as a 1200mm width, so they can be quickly cut to suit the required opening on site. Supplied in a simple kit form, they are easy to transport into difficult to access areas compared with traditional fabricated structures.



## MESH PANELS

Manufactured on request to suit customer's requirements, Mesh Panels are commonly used to provide robust infill to handrails, guardrails and safety barriers for the ultimate protection from hazards. Installation is made easy with Interclamp 170 and 171 mesh panel clips. Corner panels and raked angle panels for slopes are also available.



## TUBE

We offer a complete range of galvanised and powder coated handrail tubes in various convenient lengths off-the-shelf to complement the various sizes of Interclamp fittings. As well as galvanised Medium Weight tube to BS EN 10255, we also stock tubes with heavier wall thicknesses and higher material specifications, in order to meet more demanding design load specifications.



SIMPLE TO SPECIFY ◆ EASY TO ORDER ◆ RAPID TO ASSEMBLE

Meyrick Owen Way • Pembroke Dock • SA72 6WS • UK

Tel: +44 (0)1646 683584 • Fax: +44 (0)1646 621392

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[WWW.INTERCLAMP.COM](http://WWW.INTERCLAMP.COM)



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For any application, the suitability or otherwise of the Interclamp system must first be assessed by the customer against relevant national standards, building regulations and/or Eurocodes and by reference to the Design and Installation Instructions available at [www.interclamp.com/en/installation/instructions](http://www.interclamp.com/en/installation/instructions). A printed copy of the Instructions is available on request. We accept no responsibility for any loss or damage arising from the misuse of Interclamp fittings. Please note that the ultimate responsibility for the correct choice of size and type of fitting for any application belongs with the customer. The customer is responsible for ensuring that the construction or structure is sufficiently strong to support the weight of its component parts plus any applied load, and that suitable fixings are used. Interclamp fittings must not be welded and we strongly recommend that types 132, 152, 232, 234, 242, 251 or 252 are always used where baseplates are required, fitted so that the fixing holes are in line with the applied load. To provide sufficient stability, whole structures must not be made from swivel fittings alone. Whilst every effort has been taken to ensure the information given in this publication is correct, the right is reserved to alter or revise this information as and when necessary. No part of this publication may be reproduced without our written permission.