BARNVALE
DESIGN AND INNOVATION

We Support Our Clients & Their Pipework

Pipe Supports



Insulation Blocks



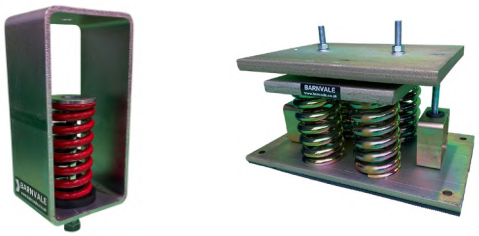
Slide Guides & Skids



Expansion Products



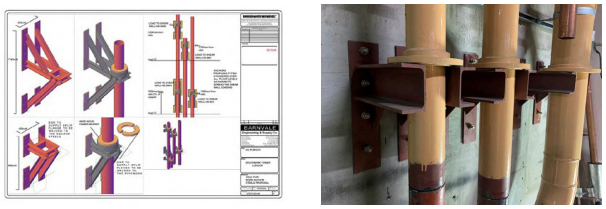
Anti-Vibration Products



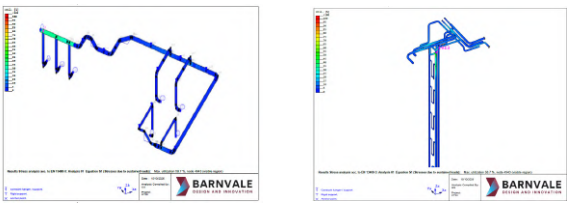
Hoses



Fabrication



Calcs & Stress Analysis



Need assistance or further information, please call us on 020 8591 9588, email sales@barnvale.co.uk or visit www.barnvale.co.uk

BARNVALE
MADE IN BRITAIN

Why Barnvale

- Conveniently situated a short distance from Central London with Distribution links to the rest of the UK and Europe.
- We have various manufacturing departments, producing an extensive range of Pipe Supports. Minimising production times and third party intervention. Providing continuity of products, with data sheets and tech subs relevant to the supplied goods.
- We are a leading manufacturer of FSC certified Hardwood Insulation Blocks.
- We are a main distributor of Stonewool and Phenolic Foam Insulation Blocks with common sizes and thicknesses in stock.
- We have qualified Engineers to provide design and technical assistance to all our clients. Backed up with PI Insurance.
- We are at the forefront of assisting Site Engineers and their Buying Teams with their project management and individual requirements, cost effectively and without delay.
- We can undertake Bracketry Calculations and advise on marked up drawings.
- We offer a range of expansion products which include Pump Flexibles, Flexible Hoses and Compensators.
- We supply Anti-Vibration equipment from Inertia Bases to Spring Hangers, sized to suit the client's specific requirements.
- Full in-house design and fabrication capabilities for which includes Secondary Steelwork, Platforms, Chiller Bases and Walkways.

Our Accreditations

ISO 9001 Quality

Our quality management system is certified to ISO 9001 by BSI, the UK's national standards body. Regular independent audits confirm consistent quality and continual improvement.

FORS Silver

The Fleet Operator Recognition Scheme sets the benchmark for safe, efficient and low-emission fleets. Silver adds the CLOCS standard for construction logistics.

FSC® Certified

Our FSC® licence (C102371) confirms the hardwood in our insulation blocks comes from responsibly managed forests, traceable from forest to finished block.

ISO 14001 Environmental

Certified to ISO 14001:2015, the international standard for environmental management. We control and continually reduce the environmental impact of our operations.

BARNVALE
DESIGN AND INNOVATION

SIZE ORDER INFORMATION

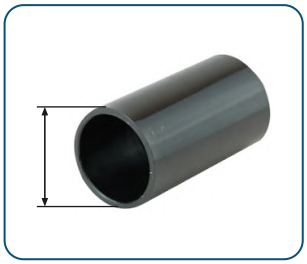
Size Order Information



Block Size i/d
(Inside Diameter)

=

Pipe Size o/d
(Outside Diameter)



Block i/d Pipe o/d	Mild Steel	Copper	Mapress		TruBore Stainless	
Order Size	NB	Cu	Carbon	Stainless	ISO	Metric
015mm o/d		15mm cu		12mm		
018mm o/d				15mm		15mm
020mm o/d			15mm			
022mm o/d	15mm nb	22mm cu		20mm	15mm	
024mm o/d			20mm			20mm
028mm o/d	20mm nb	28mm cu		25mm	20mm	25mm
030mm o/d			25mm			
035mm o/d	25mm nb	35mm cu		32mm	25mm	32mm
037mm o/d			32mm			
042mm o/d	32mm nb	42mm cu		40mm	32mm	
044mm o/d			40mm			40mm
048mm o/d	40mm nb				40mm	
054mm o/d		54mm cu		50mm		50mm
056mm o/d			50mm			
060mm o/d	50mm nb				50mm	
063mm o/d						
067mm o/d		67mm cu				
069mm o/d						65mm
076mm o/d	65mm nb	76mm cu		65mm	65mm	
084mm o/d						80mm
089mm o/d	80mm nb			80mm	80mm	
104mm o/d						100mm
108mm o/d		108mm cu		100mm		
114mm o/d	100mm nb				100mm	
129mm o/d						125mm
133mm o/d		133mm cu				
140mm o/d	125mm nb				125mm	
154mm o/d						150mm
159mm o/d		159mm cu				
165mm o/d	150mm nb (Med)					
168mm o/d	150mm nb				150mm	
204mm o/d						200mm
220mm o/d	200mm nb				200mm	
254mm o/d						250mm
273mm o/d	250mm nb				250mm	
304mm o/d						300mm
324mm o/d	300mm nb				300mm	
356mm o/d	350mm nb				350mm	350mm
406mm o/d	400mm nb				400mm	400mm
457mm o/d	450mm nb				450mm	450mm
508mm o/d	500mm nb				500mm	500mm
559mm o/d	550mm nb					
610mm o/d	600mm nb				600mm	600mm



Split Band Clips

Size NB							
15mm	20mm	25mm	32mm	40mm	50mm	65mm	80mm
100mm	125mm	150mm	175mm	200mm	225mm	250mm	300mm
350mm	400mm	450mm	500mm	550mm	600mm	700mm	800mm



Anchors & Guides

Size NB							
15mm	20mm	25mm	32mm	40mm	50mm	65mm	80mm
100mm	125mm	150mm	175mm	200mm	225mm	250mm	300mm
350mm	400mm	450mm	500mm	550mm	600mm	700mm	800mm



Standard & Extended U Bolts

Size NB							
15mm	20mm	25mm	32mm	40mm	50mm	65mm	80mm
100mm	125mm	150mm	175mm	200mm	225mm	250mm	300mm
350mm	400mm	450mm	500mm	550mm	600mm	700mm	800mm



Single & Double Bossed Split Band Clips

Size NB							
15mm	20mm	25mm	32mm	40mm	50mm	65mm	80mm
100mm	125mm	150mm	175mm	200mm	225mm	250mm	300mm



Rubber Lined Split Band Clips

Size NB							
15mm	20mm	25mm	32mm	40mm	50mm	65mm	80mm
100mm	125mm	150mm	200mm	250mm	300mm	350mm	400mm



Single Roller Chair & Guides

Size NB							
15mm	20mm	25mm	32mm	40mm	50mm	65mm	



Roller Chairs & Guides

Size NB							
80mm	100mm	125mm	150mm	200mm	250mm	300mm	350mm
400mm							



Single Roller Brackets

Size NB							
15mm	20mm	25mm	32mm	40mm	50mm	65mm	80mm
100mm	125mm	150mm	200mm	250mm	300mm	350mm	400mm



Roller & Chairs

Size NB							
15mm	20mm	25mm	32mm	40mm	50mm	65mm	80mm
100mm	125mm	150mm	200mm	250mm	300mm	350mm	400mm

Various Supports To Suit Insulation

Split Band Clips



Saddles



Standard U Bolts



Extended U Bolts



Bossed Split Band Clips



Roller Chair & Guides



Single Roller Brackets



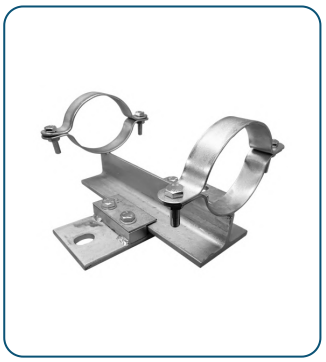
Roller & Chairs



Slide Guides



Medium Duty Slide Guides



Heavy Duty Slide Guides



Skids



To Suit Block O/D							
54mm	60mm	65mm	70mm	76mm	83mm	89mm	95mm
102mm	108mm	114mm	121mm	127mm	133mm	139mm	146mm
152mm	159mm	168mm	173mm	178mm	186mm	193mm	199mm
208mm	219mm	225mm	232mm	244mm	252mm	259mm	264mm
273mm	283mm	290mm	299mm	308mm	316mm	323mm	332mm
344mm	356mm	363mm	373mm	384mm	394mm	406mm	416mm
423mm	435mm	444mm	456mm	467mm	477mm	487mm	497mm
508mm	518mm	528mm	538mm	548mm	559mm	570mm	580mm
590mm	600mm	610mm	620mm	630mm	640mm	650mm	660mm

Split Band Clips



Size Cu			
15mm	22mm	28mm	35mm
42mm	54mm	67mm	76mm
108mm	133mm	159mm	

Anchors & Guides



Size Cu			
15mm	22mm	28mm	35mm
42mm	54mm	67mm	76mm
108mm	133mm	159mm	

U Bolts Standard & Extended



Size Cu			
15mm	22mm	28mm	35mm
42mm	54mm	67mm	76mm
108mm	133mm	159mm	

Poly Prop Dels To Suit



Size To Suit			
15mm	22mm	28mm	35mm
42mm	54mm	67mm	76mm
108mm	133mm	159mm	

Single Bossed Split Band Clips



Size Cu			
15mm	22mm	28mm	35mm
42mm	54mm	67mm	76mm
108mm	133mm	159mm	

Double Bossed Split Band Clips



Size Cu			
15mm	22mm	28mm	35mm
42mm	54mm	67mm	76mm
108mm	133mm	159mm	

Roller Chair & Guides



Size Cu			
15mm	22mm	28mm	35mm
42mm	54mm	67mm	76mm
108mm	133mm	159mm	

Single Roller Brackets



Size Cu			
15mm	22mm	28mm	35mm
42mm	54mm	67mm	76mm
108mm	133mm	159mm	

Roller & Chairs



Size Cu			
15mm	22mm	28mm	35mm
42mm	54mm	67mm	76mm
108mm	133mm	159mm	



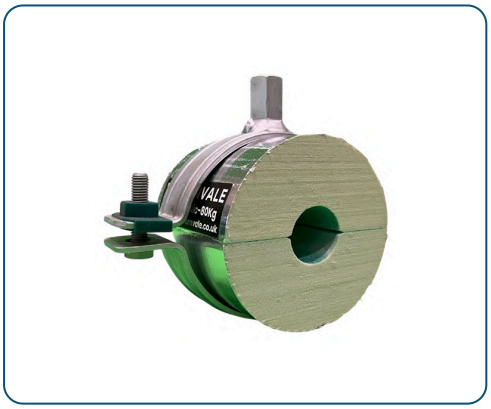
Lightweight Unlined Clips

Size				
19 - 23mm	23 - 28mm	26 - 30mm	32 - 35mm	39 - 43mm
45 - 51mm	53 - 61mm	62 - 67mm	68 - 74mm	75 - 81mm
83 - 93mm	93 - 103mm	103 - 113mm	113 - 123mm	123 - 133mm
133 - 143mm	145 - 153mm	154 - 162mm	163 - 172mm	173 - 183mm
184 - 194mm	195 - 205mm	206 - 216mm	217 - 225mm	220 - 230mm



Lightweight Lined Clips

Size				
13 - 20mm	17 - 23mm	21 - 26mm	26 - 30mm	33 - 37mm
40 - 46mm	48 - 53mm	53 - 59mm	60 - 66mm	67 - 77mm
75 - 84mm	83 - 93mm	94 - 104mm	102 - 111mm	109 - 119mm
122 - 135mm	128 - 139mm	135 - 148mm	151 - 164mm	158 - 170mm
217 - 225mm				



Heavy Duty Unlined Clips

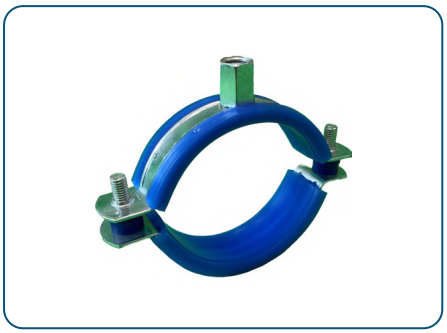
Size				
19 - 23mm	25 - 30mm	31 - 36mm	37 - 42mm	40 - 45mm
47 - 52mm	53 - 58mm	59 - 65mm	66 - 71mm	72 - 78mm
79 - 85mm	86 - 92mm	98 - 106mm	108 - 116mm	116 - 123mm
125 - 133mm	132 - 140mm	148 - 154mm	159 - 169mm	173 - 183mm
192 - 202mm	208 - 219mm	217 - 227mm	229 - 241mm	244 - 254mm
254 - 264mm	267 - 279mm	279 - 289mm	292 - 302mm	315 - 325mm



Heavy Duty Lined Clips

Size				
15 - 19mm	19 - 23mm	25 - 29mm	30 - 35mm	40 - 45mm
46 - 51mm	53 - 59mm	59 - 64mm	65 - 71mm	72 - 78mm
79 - 85mm	86 - 92mm	101 - 109mm	108 - 116mm	125 - 133mm
132 - 140mm	159 - 169mm	178 - 188mm	194 - 204mm	203 - 213mm
217 - 227mm	240 - 250mm	265 - 275mm	278 - 288mm	315 - 325mm

Lightweight Lined Non Grip Clips



Size		
16mm	20mm	25mm
32mm	40mm	50mm
56mm	63mm	

2 Bolt Non Grip Poly Coated Clip



Size		
22mm	28mm	35mm
42mm	48mm	54mm
60mm	65mm	70mm
76mm	89mm	108mm
114mm	127mm	133mm
140mm	159mm	168mm

Lightweight S/Steel Unlined Clips



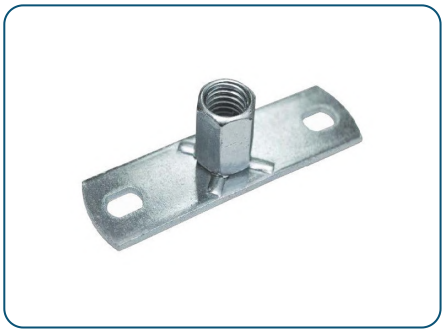
Size		
15 - 19mm	20 - 25mm	26 - 30mm
32 - 36mm	38 - 43mm	47 - 51mm
53 - 58mm	60 - 64mm	68 - 72mm
75 - 80mm	81 - 86mm	87 - 92mm
99 - 105mm	107 - 112mm	113 - 118mm
125 - 130mm	138 - 142mm	159 - 166mm

Lightweight S/Steel Lined Clips



Size		
15 - 19mm	20 - 25mm	26 - 30mm
32 - 36mm	38 - 43mm	47 - 51mm
53 - 58mm	60 - 64mm	67 - 72mm
75 - 80mm	81 - 86mm	87 - 92mm
99 - 105mm	107 - 112mm	113 - 118mm
125 - 130mm	138 - 142mm	159 - 166mm

Mild Steel Backing Plates



Size
m8 / m10

Bow Nuts



Size			
m10	m12	m16	m20
m24			

Ball Swivels



Size			
m8	m10	m12	

Threaded Link Eyes



Size			
m8	m10	m12	

Eye Bolt



Size			
m8	m10	m12	m16



Hardwood Load Bearing Block (FSC® Certified)

Temperature Limits	-15 to +100°C
Suitable For	CHW Pipework
Crushing Strength	29 - 60 MPa
Density	330 - 670 kg/m³
Pipe o/d Range	15mm - 1112mm
Thickness	15mm, 20mm, 25mm, 30mm, 35mm, 40mm, 45mm, 50mm, 60mm, 65mm, 70mm & 80mm
Standard Lengths	80mm & 100mm

Can be manufactured to accommodate thermal expansion requirements and trace heating cables. This load bearing block can be supplied with a wide range of supports. See page 3 for details.



Phenolic Load Bearing Block

Temperature Limits	-180 to +120°C
Suitable For	LTHW Pipework. Non-reactive bore coated for use on all pipes including copper
Density	80 - 120 kg/m³
Pipe o/d Range	15mm - 456mm
Thickness	15mm, 20mm, 25mm, 30mm, 35mm, 40mm, 45mm, 50mm, 63mm, 75mm & 100mm

Can be manufactured to accommodate trace heating cables. This load bearing block can be supplied with a wide range of supports. See page 3 for details.



Kingspan Phenolic Load Bearing Block

Temperature Limits	-180 to +120°C
Suitable For	LTHW Pipework. Non-reactive bore coated for use on all pipes including copper
Density	60 - 120 kg/m³
Pipe o/d Range	15mm - 456mm
Thickness	15mm, 20mm, 25mm, 30mm, 35mm, 40mm, 45mm, 50mm, 63mm, 75mm & 100mm

This load bearing block can be supplied with a wide range of supports.
See page 3 for details.



Sheet Metal Sleeves

Standard Lengths	100mm, 125mm, 150mm, 200mm, 250mm & 300mm Long
Material Thickness	20 - 24 swg

Used to effectively spread the supported load and enhances lagging facilities and vapour seal.



BPS-200 Stonewool Load Bearing Blocks

Temperature Limit	Max. 600°C
Suitable For	Various Pipework Systems
Pipe o/d Range	15mm - 159mm Recommended. Thereafter please call to discuss
Thickness Range	20mm - 100mm
Standard Length	80mm

Can be manufactured to accommodate trace heating cables. This load bearing block can be supplied with a wide range of supports. See page 3 for details.



Calcium Silicate Lined Load Bearing Blocks

Temperature Limit	Max. 600°C
Suitable For	Various Pipework Systems
Pipe o/d Range	15mm - 610mm
Thickness Range	20mm - 150mm
Standard Lengths	80mm & 100mm

This load bearing block can be supplied with a wide range of supports.
See page 3 for details.



Calcium Silicate Load Bearing Blocks

Temperature Limit	Max. 600°C
Suitable For	Various Pipework Systems
Pipe o/d Range	15mm - 610mm
Thickness Range	20mm - 150mm
Standard Lengths	80mm & 100mm

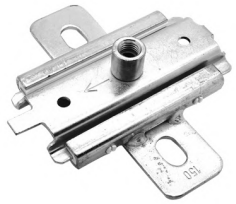
This load bearing block can be supplied with a wide range of supports.
See page 3 for details.



Rocklap Load Bearing Blocks

Temperature Limit	Max. 250°C
Suitable For	Various Pipework Systems
Pipe o/d Range	15mm - 406mm
Thickness Range	20mm - 100mm
Standard Lengths	80mm & 100mm

This load bearing block can be supplied with a wide range of supports.
See page 3 for details.



Slide Guide (Single m10 Female / m16 Male Boss)



Slide Guide (Single m10 Female / m16 Male Boss)



Slide Guide (Double m10 Female / m16 Male Boss)



Slide Guide (Double m10 Female / m16 Male Boss)



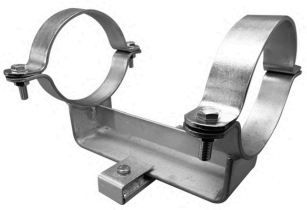
Slide Guide (Single m12 / m16 Female Boss)



Slide Guide (Double m12 / m16 Female Boss)

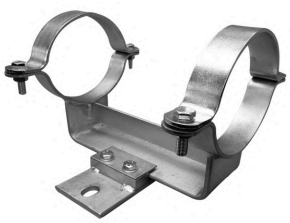
Slide Guides & Skids (15mm nb - 150mm nb Pipework)







Slide Guides & Skids (150mm nb - 500mm nb Pipework)







Untied Pump Flexible Unit



Size NB			
32mm	40mm	50mm	65mm
80mm	100mm	125mm	150mm
200mm	250mm	300mm	

Tied Pump Flexible Unit



Size NB			
32mm	40mm	50mm	65mm
80mm	100mm	125mm	150mm
200mm	250mm	300mm	

Rubber Union



Size NB			
20mm	25mm	32mm	40mm
50mm			

Screwed Axial Compensator



Size NB			
15mm	20mm	25mm	32mm
40mm	50mm		

Stainless Steel Pump Flexible Unit



Size NB			
32mm	40mm	50mm	65mm
80mm	100mm	125mm	150mm
200mm	250mm	300mm	

Flanged Axial Compensator



Size NB			
32mm	40mm	50mm	65mm
80mm	100mm	125mm	150mm
200mm	250mm	300mm	

Angular Expansion Joint



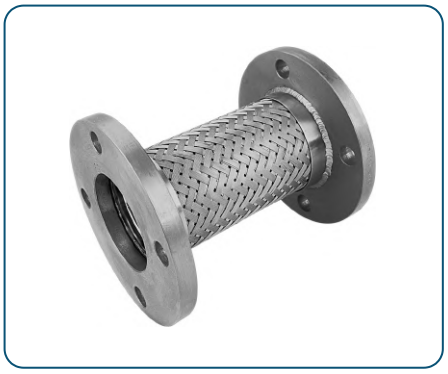
Size NB			
32mm	40mm	50mm	65mm
80mm	100mm	125mm	150mm
200mm	250mm	300mm	

Fully Articulated Expansion Joint



Size NB			
32mm	40mm	50mm	65mm
80mm	100mm	125mm	150mm
200mm	250mm	300mm	

Metallic Flexibles



Size NB			
32mm	40mm	50mm	65mm
80mm	100mm	125mm	150mm
200mm	250mm	300mm	

Spring Hangers 15mm Deflection



Design Load			
15Kg	30Kg	45Kg	80Kg
100Kg			

Spring Hangers 25mm Deflection



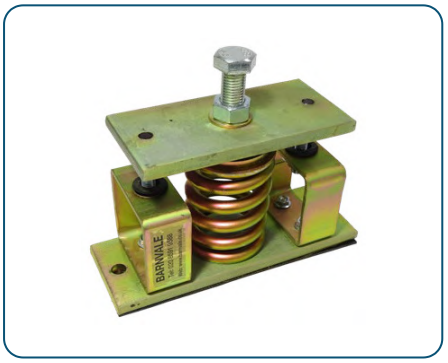
Design Load			
25Kg	36Kg	60Kg	90Kg
136Kg	230Kg	340Kg	455Kg
545Kg	640Kg		

Spring Hangers 50mm Deflection



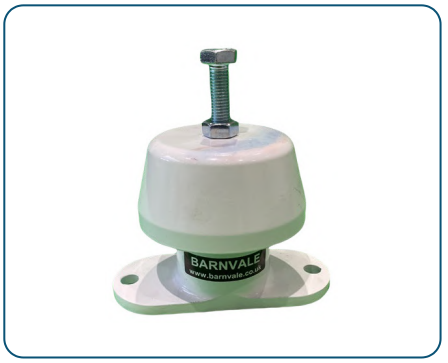
Design Load			
50Kg	100Kg	150Kg	200Kg
250Kg	300Kg	350Kg	400Kg
500Kg	600Kg	700Kg	800Kg
1000Kg	1200Kg	1400Kg	1600Kg

Restricted Spring Mounts



Design Load			
23Kg	37Kg	45Kg	68Kg
91Kg	137Kg	228Kg	364Kg
455Kg	500Kg	575Kg	637Kg
680Kg	773Kg	910Kg	1091Kg
1273Kg	1546Kg	1819Kg	2182Kg

Captive Spring Mounts



Design Load			
23Kg	37Kg	60Kg	69Kg
91Kg	137Kg	228Kg	296Kg
341Kg	364Kg	455Kg	546Kg
637Kg	773Kg	864Kg	

Neoprene Mounts



Design Load		
2.5 - 5Kg	4 - 8Kg	7 - 14Kg
9 - 18Kg	14 - 28Kg	18 - 60Kg
20 - 40Kg	27 - 54Kg	36 - 72Kg
54 - 108Kg	90 - 180Kg	135 - 270Kg
180 - 360Kg		

Inertia Bases



Size
Manufactured To Pump Requirements

Neoprene Isolating Pads



Thickness			
12mm	24mm		

Cork Isolating Pads



Thickness			
10mm	20mm		

Hoses



BSP Taper Male x Straight Female



Compression x BSP Taper Male



Elbow Female x Straight Female



Compression c/w Iso Valve x Straight Female



Compression x Straight Female



Straight Female x Straight Female



Compression Ends



Push-Fit Ends



BSP Taper Male Ends



Standpipe Ends

Design, Calculations & Fabrication Capabilities

Our expertise in providing support solutions means that we are able to offer a variety of specialist services.
Design, Detailing, Drafting And Fabricating, which can be tailored to suit your particular needs.











Contact our team directly on: design@barnvale.co.uk

BARNVALE
DESIGN AND INNOVATION

ACCOUNT APPLICATION

Account Application Is Easy

Fill out the details below and email to (accounts@barnvale.co.uk)
Alternatively you can fill out the form on line at http://www.barnvale.co.uk/accounts

Account Application Form

Name:

Company:

Address:

Email Address:

Telephone:

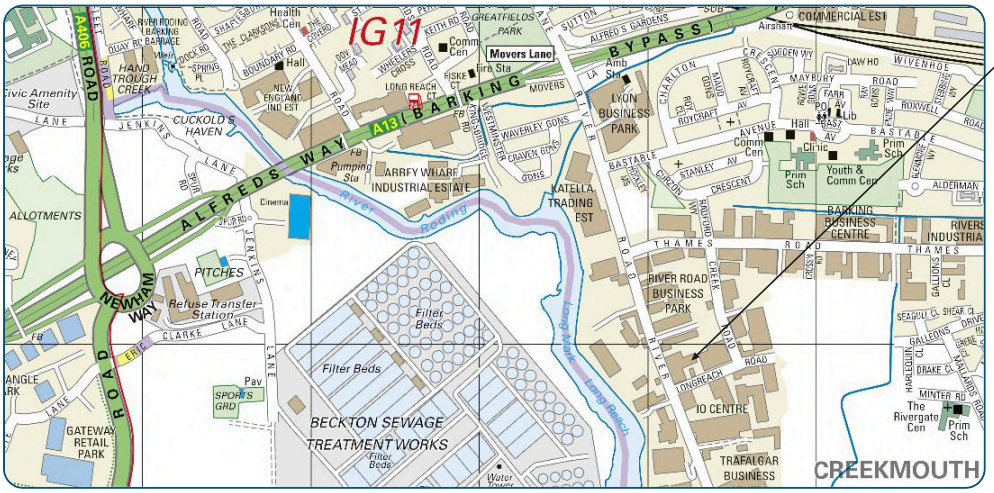
Company Registration No.

VAT No.

Type Of Work Undertaken:

Credit Limit Required:

How To Find Us



Barnvale Eng & Supply Co
14 Creekmouth Ind Est
57 River Road
Barking
Essex
IG11 0DA

Office Hours:
7.00am to 4.00pm

Collection Times:
6.00am to 3.30pm

V01