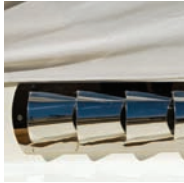




BLACKBURNS
METALS LIMITED



Blackburns Marine

Welcome to...



BLACKBURNS METALS LIMITED

front cover image courtesy of Princess Yachts International plc



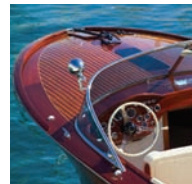
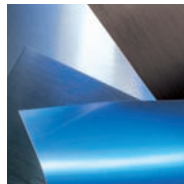
Our vision...

To be the premier supplier within our chosen markets with a reputation for service, quality and innovation



Contents

| | |
|--------------------------------|-----|
| Intro | .2 |
| Aluminium | .3 |
| BAR & SECTIONS | .4 |
| EXTRUSION | .7 |
| ROLLED PRODUCTS | .20 |
| PATTERNED SHEET | .22 |
| Stainless Steel | .23 |
| TUBE | .24 |
| PIPE FITTINGS | .27 |
| PIPE | .28 |
| DUPLEX | .30 |
| BAR & SECTIONS | .30 |
| WELDED MESH | .34 |
| SHEET | .34 |
| PLATE | .37 |
| Handrail System | .39 |
| BCP Composite | .40 |
| Yellow Metals | .43 |
| Blackburns Metals | .44 |



Intro...

Blackburns Metals Limited are one of the leading suppliers of Aluminium and Stainless Steel to the marine sector.

Supplying boatbuilders, marine fabricators, ancillary component manufacturers and individual boat owners with Aluminium and Stainless Steel including Lloyds approved products.

Contact your local Blackburns today...

(see back cover for location and contact details)



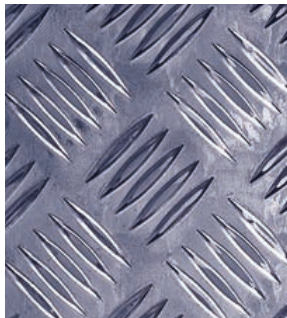
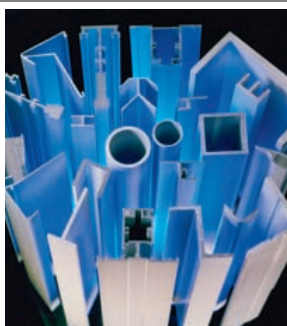
image courtesy of Princess Yachts International plc

Aluminium

Blackburns Marine stocks a comprehensive range of Aluminium products, many of which are specifically tailored to marine applications. This is not an exhaustive list and full details of our other products can be found at www.blackburnsmarine.com

We pride ourselves on customising our stock to suit specific market sectors, or individual customer requirements. We continue to expand the product range either through market development or through the demand patterns of the market sector.

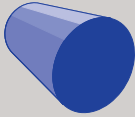
We are able to offer fabrication, processing and bespoke products to customer specifications and these range from simple cut to length extrusions to full fabrication of kits for boat manufacturers.



Round Bar

ALLOYS: 6082-T6

5083-F



| Dia (in) | Weight per metre (Kg) |
|----------|-----------------------|
| ¼ | 0.09 |
| ⅜ | 0.13 |
| ½ | 0.19 |
| ⅝ | 0.26 |
| ¾ | 0.34 |
| ⅞ | 0.43 |
| 1 | 0.54 |
| 16mm | 0.54 |
| 1 ⅛ | 0.65 |
| 1 ¼ | 0.77 |
| 20mm | 0.85 |
| 1 ⅜ | 0.91 |
| 1 ½ | 1.05 |
| 1 ⅝ | 1.37 |
| 1 ¾ | 1.74 |
| 2 | 2.15 |
| 1 ⅞ | 2.37 |
| 2 ¼ | 2.6 |
| 35mm | 2.61 |
| 2 ½ | 2.84 |
| 2 ⅝ | 3.09 |
| 2 ¾ | 3.63 |
| 3 | 4.21 |
| 2 ⅞ | 4.83 |
| 3 ¼ | 5.49 |
| 3 ½ | 6.2 |
| 3 ¾ | 6.95 |
| 4 | 7.75 |
| 4 ¼ | 8.58 |

| Dia (in) | Weight per metre (Kg) |
|----------|-----------------------|
| 2 ½ | 9.46 |
| 2 ¾ | 10.4 |
| 3 | 12.4 |
| 3 ¼ | 14.5 |
| 3 ½ | 16.8 |
| 3 ¾ | 19.3 |
| 4 | 22 |
| 4 ¼ | 24.8 |
| 4 ½ | 27.8 |
| 4 ¾ | 31 |
| 5 | 34.3 |
| 5 ¼ | 37.8 |
| 5 ½ | 41.5 |
| 5 ¾ | 45.4 |
| 6 | 49.4 |
| 6 ½ | 58 |
| 7 | 67.3 |
| 7 ¼ | 72.2 |
| 7 ½ | 77.2 |
| 8 | 87.9 |
| 8 ½ | 99.2 |
| 9 | 111 |
| 9 ½ | 124 |
| 10 | 137 |
| 12 | 198 |
| 13 | 232 |
| 14 | 269 |
| 15 | 309 |
| 16 | 352 |

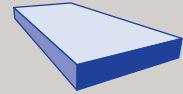
Contact your **local** Blackburns today...

(see back cover for location and contact details)

Flat Bar

ALLOYS: 6082-T6

6063-T6



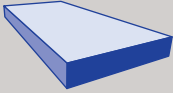
| Size (in) | Weight per metre (Kg) |
|------------------------------------|-----------------------|
| $\frac{3}{8} \times \frac{1}{8}$ | 0.08 |
| $\frac{3}{8} \times \frac{1}{4}$ | 0.16 |
| $\frac{1}{2} \times \frac{1}{16}$ | 0.06 |
| $\frac{1}{2} \times \frac{1}{8}$ | 0.11 |
| $\frac{1}{2} \times \frac{3}{16}$ | 0.16 |
| $\frac{1}{2} \times \frac{1}{4}$ | 0.22 |
| $\frac{1}{2} \times \frac{3}{8}$ | 0.33 |
| $\frac{5}{8} \times \frac{1}{8}$ | 0.14 |
| $\frac{5}{8} \times \frac{3}{16}$ | 0.2 |
| $\frac{5}{8} \times \frac{1}{4}$ | 0.27 |
| $\frac{5}{8} \times \frac{3}{8}$ | 0.41 |
| $\frac{5}{8} \times \frac{1}{2}$ | 0.55 |
| $\frac{3}{4} \times \frac{1}{16}$ | 0.08 |
| $\frac{3}{4} \times \frac{1}{8}$ | 0.16 |
| $\frac{3}{4} \times \frac{3}{16}$ | 0.25 |
| $\frac{3}{4} \times \frac{1}{4}$ | 0.33 |
| $\frac{3}{4} \times \frac{3}{8}$ | 0.49 |
| $\frac{3}{4} \times \frac{1}{2}$ | 0.66 |
| $\frac{3}{4} \times \frac{5}{8}$ | 0.82 |
| $\frac{7}{8} \times \frac{1}{8}$ | 0.19 |
| $1 \times \frac{1}{16}$ | 0.11 |
| $1 \times \frac{1}{8}$ | 0.22 |
| $1 \times \frac{3}{16}$ | 0.33 |
| $1 \times \frac{1}{4}$ | 0.44 |
| $1 \times \frac{5}{16}$ | 0.54 |
| $1 \times \frac{3}{8}$ | 0.66 |
| $1 \times \frac{1}{2}$ | 0.87 |
| $1 \times \frac{5}{8}$ | 1.09 |
| $1 \times \frac{3}{4}$ | 1.31 |
| $1\frac{1}{4} \times \frac{1}{8}$ | 0.27 |
| $1\frac{1}{4} \times \frac{3}{16}$ | 0.41 |
| $1\frac{1}{4} \times \frac{1}{4}$ | 0.55 |
| $1\frac{1}{4} \times \frac{3}{8}$ | 0.82 |
| $1\frac{1}{4} \times \frac{1}{2}$ | 1.09 |
| $1\frac{1}{4} \times \frac{5}{8}$ | 1.37 |
| $1\frac{1}{4} \times \frac{3}{4}$ | 1.64 |
| $1\frac{1}{4} \times 1$ | 2.19 |
| $1\frac{1}{2} \times \frac{1}{16}$ | 0.16 |
| $1\frac{1}{2} \times \frac{1}{8}$ | 0.33 |
| $1\frac{1}{2} \times \frac{3}{16}$ | 0.49 |
| $1\frac{1}{2} \times \frac{1}{4}$ | 0.66 |
| $1\frac{1}{2} \times \frac{3}{8}$ | 0.98 |

| Size (in) | Weight per metre (Kg) |
|------------------------------------|-----------------------|
| $1\frac{1}{2} \times \frac{1}{2}$ | 1.31 |
| $1\frac{1}{2} \times \frac{5}{8}$ | 1.64 |
| $1\frac{1}{2} \times \frac{3}{4}$ | 1.97 |
| $1\frac{1}{2} \times 1$ | 2.62 |
| $1\frac{1}{2} \times 1\frac{1}{4}$ | 3.28 |
| $1\frac{3}{4} \times \frac{1}{8}$ | 0.38 |
| $1\frac{3}{4} \times \frac{1}{4}$ | 0.76 |
| $1\frac{3}{4} \times \frac{3}{8}$ | 1.15 |
| $1\frac{3}{4} \times \frac{1}{2}$ | 1.53 |
| $1\frac{3}{4} \times \frac{3}{4}$ | 2.29 |
| $1\frac{3}{4} \times 1$ | 3.06 |
| $1\frac{3}{4} \times 1\frac{1}{4}$ | 3.82 |
| $2 \times \frac{1}{8}$ | 0.44 |
| $2 \times \frac{3}{16}$ | 0.66 |
| $2 \times \frac{1}{4}$ | 0.87 |
| $2 \times \frac{3}{8}$ | 1.31 |
| $2 \times \frac{1}{2}$ | 1.75 |
| $2 \times \frac{5}{8}$ | 2.19 |
| $2 \times \frac{3}{4}$ | 2.62 |
| 2×1 | 3.5 |
| $2 \times 1\frac{1}{4}$ | 4.37 |
| $2 \times 1\frac{1}{2}$ | 5.25 |
| $2\frac{1}{2} \times \frac{1}{8}$ | 0.55 |
| $2\frac{1}{2} \times \frac{3}{16}$ | 0.82 |
| $2\frac{1}{2} \times \frac{1}{4}$ | 1.09 |
| $2\frac{1}{2} \times \frac{3}{8}$ | 1.64 |
| $2\frac{1}{2} \times \frac{1}{2}$ | 2.19 |
| $2\frac{1}{2} \times \frac{3}{4}$ | 3.28 |
| $2\frac{1}{2} \times 1$ | 4.37 |
| $2\frac{1}{2} \times 1\frac{1}{2}$ | 6.56 |
| $2\frac{1}{2} \times 2$ | 8.74 |
| $3 \times \frac{1}{8}$ | 0.66 |
| $3 \times \frac{3}{16}$ | 0.98 |
| $3 \times \frac{1}{4}$ | 1.31 |
| $3 \times \frac{3}{8}$ | 1.97 |
| $3 \times \frac{1}{2}$ | 2.62 |
| $3 \times \frac{5}{8}$ | 3.28 |
| 3×1 | 5.25 |
| 3×2 | 10.5 |
| $3\frac{1}{2} \times \frac{1}{4}$ | 1.52 |
| $3\frac{1}{2} \times \frac{1}{2}$ | 3.04 |

continued on next page...

Flat Bar (continued)

ALLOY: 6082-T6

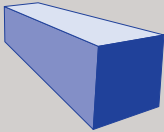


| Size (in) | Weight per metre (Kg) |
|-----------|-----------------------|
| 4 x 1/8 | 0.87 |
| 4 x 3/16 | 1.3 |
| 4 x 1/4 | 1.75 |
| 4 x 3/8 | 2.62 |
| 4 x 1/2 | 3.5 |
| 4 x 5/8 | 4.37 |
| 4 x 3/4 | 5.25 |
| 4 x 1 | 6.99 |
| 4 x 1 1/4 | 8.74 |

| Size (in) | Weight per metre (Kg) |
|-----------|-----------------------|
| 4 x 2 | 14 |
| 5 x 1/4 | 2.19 |
| 5 x 1/2 | 4.37 |
| 6 x 1/8 | 1.31 |
| 6 x 1/4 | 2.62 |
| 6 x 3/8 | 3.93 |
| 6 x 1/2 | 5.25 |
| 6 x 1 | 10.5 |

Square Bar

ALLOY: 6082-T6



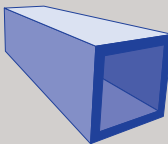
| Size (in) | Weight per metre (Kg) |
|-----------|-----------------------|
| 1/4 | 0.11 |
| 3/16 | 0.17 |
| 3/8 | 0.25 |
| 1/2 | 0.44 |
| 5/8 | 0.68 |
| 3/4 | 0.98 |
| 7/8 | 1.34 |
| 1 | 1.75 |

| Size (in) | Weight per metre (Kg) |
|-----------|-----------------------|
| 1 1/4 | 2.73 |
| 1 1/2 | 3.93 |
| 1 3/4 | 5.35 |
| 2 | 6.99 |
| 2 1/2 | 10.9 |
| 3 | 15.7 |
| 3 1/2 | 21.4 |
| 4 | 28 |

Box Section

SQUARE

ALLOYS: 6063-T6, 6082-T6



| Size (in) | Weight per metre (Kg) |
|------------------------|-----------------------|
| 1/2 x 1/2 x 16 swg | 0.2 |
| 3/4 x 3/4 x 16 swg | 0.31 |
| 3/4 x 3/4 x 10 swg | 0.56 |
| 1 x 1 x 16 swg | 0.42 |
| 1 x 1 x 10 swg | 0.78 |
| 1 1/4 x 1 1/4 x 16 swg | 0.53 |
| 1 1/4 x 1 1/4 x 10 swg | 1 |
| 1 1/2 x 1 1/2 x 16 swg | 0.64 |
| 1 1/2 x 1 1/2 x 10 swg | 1.23 |

| Size (in) | Weight per metre (Kg) |
|------------------------|-----------------------|
| 1 3/4 x 1 1/4 x 10 swg | 1.45 |
| 2 x 2 x 16 swg | 0.87 |
| 2 x 2 x 10 swg | 1.68 |
| 2 x 2 x 1/4 swg | 3.06 |
| 2 1/2 x 2 1/2 x 10 swg | 2.12 |
| 3 x 3 x 10 swg | 2.57 |
| 4 x 4 x 10 swg | 3.47 |
| 4 x 4 x 1/4 swg | 6.56 |

| Size (in) | Weight per metre (Kg) |
|-----------------|-----------------------|
| 1 x ½ x 16 swg | 0.31 |
| 1½ x ¾ x 16 swg | 0.48 |
| 1½ x 1 x 16 swg | 0.52 |
| 1½ x 1 x 10 swg | 1 |
| 2 x 1 x 10 swg | 1.22 |
| 2 x 1½ x 10 swg | 1.34 |
| 3 x 1 x 10 swg | 1.67 |
| 3 x 1½ x 10 swg | 1.9 |

| Size (in) | Weight per metre (Kg) |
|-----------------|-----------------------|
| 3 x 1¼ x 10 swg | 2.01 |
| 3 x 2 x 10 swg | 2.11 |
| 4 x 1 x 10 swg | 2.12 |
| 4 x 1¼ x 10 swg | 2.45 |
| 4 x 2 x 10 swg | 2.56 |
| 6 x 2 x 10 swg | 3.4 |
| 6 x 3 x ¾ swg | 10.8 |

| Size (in) | Weight per metre (Kg) |
|--------------|-----------------------|
| ½ x ½ x ¼ | 0.1 |
| ¾ x ¾ x 0.08 | 0.2 |
| ¾ x ¾ x ⅛ | 0.3 |
| 1 x 1 x ⅛ | 0.21 |
| 1 x 1 x ⅜ | 0.41 |
| 1¼ x 1¼ x ⅛ | 0.52 |
| 1½ x 1½ x ⅛ | 0.63 |
| 1½ x 1½ x ⅜ | 0.92 |
| 1½ x 1½ x ¼ | 1.2 |
| 2 x 1 x ⅛ | 0.63 |

| Size (in) | Weight per metre (Kg) |
|-------------|-----------------------|
| 2 x 2 x ⅛ | 0.85 |
| 2 x 2 x ⅜ | 1.25 |
| 2 x 2 x ¼ | 1.64 |
| 3 x 3 x ¼ | 2.51 |
| 3 x 3 x ⅜ | 3.69 |
| 2½ x 2½ x ¼ | 2.07 |
| 4 x 4 x ¼ | 3.37 |
| 4 x 4 x ⅜ | 4.98 |
| 4 x 4 x ½ | 6.75 |

Dimensions: cross piece x height x thickness

| Size (in) | Weight per metre (Kg) |
|----------------|-----------------------|
| 3 x 1½ x ⅜ x ¼ | 2.22 |
| 4 x 3 x ⅜ x ¼ | 4.77 |
| 5 x 3 x ⅜ x ¼ | 6.00 |
| 6 x 3 x ⅜ x ¼ | 6.44 |

Other alloys and temper designations may be available upon request

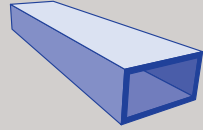
Contact your **local** Blackburns today...

(see back cover for location and contact details)

Box Section

RECTANGULAR

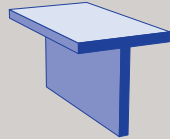
ALLOYS: 6063-T6, 6082-T6



Tee Section

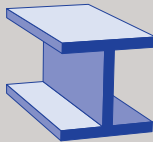
ALLOYS: 6082-T6

6063-T6



I-Beam

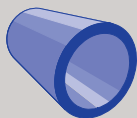
ALLOY: 6082-T6



Tube

ALLOYS: 6082-T6

6063-T6



| Size (in) | Weight per metre (Kg) |
|--------------------|-----------------------|
| 3/8 o/d x 16 swg | 0.11 |
| 1/2 o/d x 18 swg | 0.12 |
| 1/2 o/d x 16 swg | 0.15 |
| 1/2 o/d x 10 swg | 0.26 |
| 5/8 o/d x 18 swg | 0.15 |
| 5/8 o/d x 16 swg | 0.2 |
| 5/8 o/d x 10 swg | 0.35 |
| 3/4 o/d x 18 swg | 0.19 |
| 3/4 o/d x 16 swg | 0.24 |
| 3/4 o/d x 10 swg | 0.44 |
| 7/8 o/d x 18 swg | 0.22 |
| 7/8 o/d x 16 swg | 0.29 |
| 7/8 o/d x 10 swg | 0.53 |
| 1 o/d x 18 swg | 0.25 |
| 1 o/d x 16 swg | 0.33 |
| 1 o/d x 10 swg | 0.61 |
| 1 o/d x 3/16 | 0.83 |
| 1 1/8 o/d x 18 swg | 0.28 |
| 1 1/8 o/d x 16 swg | 0.37 |
| 1 1/8 o/d x 10 swg | 0.7 |
| 1 1/4 o/d x 18 swg | 0.32 |
| 1 1/4 o/d x 16 swg | 0.42 |
| 1 1/4 o/d x 12 swg | 0.65 |
| 1 1/4 o/d x 10 swg | 0.79 |
| 1 1/4 o/d x 3/16 | 1.08 |
| 1 3/8 o/d x 16 swg | 0.46 |
| 1 3/8 o/d x 10 swg | 0.88 |
| 1 1/2 o/d x 18 swg | 0.38 |
| 1 1/2 o/d x 16 swg | 0.5 |
| 1 1/2 o/d x 10 swg | 0.96 |
| 1 1/2 o/d x 3/16 | 1.35 |
| 1 1/2 o/d x 1/4 | 1.71 |
| 1 5/8 o/d x 16 swg | 0.55 |
| 1 5/8 o/d x 10 swg | 1.05 |
| 1 5/8 o/d x 3/16 | 1.48 |

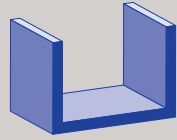
| Size (in) | Weight per metre (Kg) |
|--------------------|-----------------------|
| 1 3/4 o/d x 16 swg | 0.59 |
| 1 3/4 o/d x 10 swg | 1.14 |
| 1 7/8 o/d x 10 swg | 1.23 |
| 2 o/d x 16 swg | 0.68 |
| 2 o/d x 14 swg | 0.84 |
| 2 o/d x 10 swg | 1.32 |
| 2 o/d x 3/16 | 1.86 |
| 2 o/d x 1/4 | 2.39 |
| 2 1/4 o/d x 16 swg | 0.77 |
| 2 1/4 o/d x 10 swg | 1.49 |
| 2 1/2 o/d x 16 swg | 0.86 |
| 2 1/2 o/d x 10 swg | 1.67 |
| 2 1/2 o/d x 3/16 | 2.38 |
| 2 1/2 o/d x 1/4 | 3.08 |
| 2 1/2 o/d x 3/8 | 4.36 |
| 2 3/4 o/d x 10 swg | 1.84 |
| 3 o/d x 16 swg | 1.03 |
| 3 o/d x 12 swg | 1.65 |
| 3 o/d x 10 swg | 2.02 |
| 3 o/d x 3/16 | 2.9 |
| 3 o/d x 1/4 | 3.76 |
| 3 1/2 o/d x 16 swg | 1.21 |
| 3 1/2 o/d x 10 swg | 2.37 |
| 3 1/2 o/d x 1/4 | 4.46 |
| 4 o/d x 16 swg | 1.38 |
| 4 o/d x 12 swg | 2.23 |
| 4 o/d x 10 swg | 2.72 |
| 4 o/d x 1/4 | 5.15 |
| 4 1/2 o/d x 10 swg | 3.07 |
| 4 1/2 o/d x 1/4 | 5.83 |
| 5 o/d x 10 swg | 3.43 |
| 5 o/d x 1/4 | 6.52 |
| 5 1/2 o/d x 1/4 | 7.21 |
| 6 o/d x 10 swg | 4.13 |
| 6 o/d x 1/4 | 7.9 |
| 6 1/2 o/d x 1/4 | 8.58 |

| Size (in) | Weight per metre (Kg) |
|--|-----------------------|
| $\frac{3}{8} \times \frac{3}{8} \times \frac{1}{16}$ | 0.11 |
| $\frac{1}{2} \times \frac{1}{2} \times \frac{1}{16}$ | 0.06 |
| $\frac{1}{2} \times \frac{1}{2} \times \frac{1}{8}$ | 0.27 |
| $\frac{5}{8} \times \frac{5}{8} \times \frac{1}{16}$ | 0.19 |
| $\frac{5}{8} \times \frac{5}{8} \times \frac{1}{8}$ | 0.36 |
| $\frac{3}{4} \times \frac{1}{2} \times \frac{1}{8}$ | 0.44 |
| $\frac{3}{4} \times \frac{3}{4} \times \frac{1}{16}$ | 0.24 |
| $\frac{3}{4} \times \frac{3}{4} \times \frac{1}{8}$ | 0.49 |
| $\frac{7}{8} \times \frac{7}{8} \times \frac{1}{8}$ | 0.52 |
| $1 \times \frac{1}{2} \times \frac{1}{8}$ | 0.38 |
| $1 \times \frac{3}{4} \times \frac{1}{8}$ | 0.49 |
| $1 \times 1 \times \frac{1}{16}$ | 0.31 |
| $1 \times 1 \times \frac{1}{8}$ | 0.6 |
| $1 \times 1 \times \frac{3}{16}$ | 0.86 |
| $1\frac{1}{8} \times \frac{3}{4} \times \frac{1}{8}$ | 0.52 |
| $1\frac{1}{8} \times 1 \times \frac{1}{8}$ | 0.63 |
| $1\frac{1}{8} \times 1\frac{1}{8} \times \frac{1}{8}$ | 0.68 |
| $1\frac{1}{4} \times \frac{1}{2} \times \frac{1}{8}$ | 0.44 |
| $1\frac{1}{4} \times \frac{3}{4} \times \frac{1}{8}$ | 0.55 |
| $1\frac{1}{4} \times 1 \times \frac{1}{8}$ | 0.66 |
| $1\frac{1}{4} \times 1\frac{1}{4} \times \frac{1}{16}$ | 0.39 |
| $1\frac{1}{4} \times 1\frac{1}{4} \times \frac{1}{8}$ | 0.76 |
| $1\frac{1}{4} \times 1\frac{1}{4} \times \frac{3}{16}$ | 1.1 |
| $1\frac{1}{2} \times \frac{1}{2} \times \frac{1}{8}$ | 0.49 |
| $1\frac{1}{2} \times \frac{3}{4} \times \frac{1}{8}$ | 0.6 |
| $1\frac{1}{2} \times 1 \times \frac{1}{8}$ | 0.71 |
| $1\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{8}$ | 0.93 |
| $1\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{4}$ | 1.74 |
| $1\frac{3}{4} \times 1 \times \frac{1}{8}$ | 0.76 |
| $1\frac{3}{4} \times 1\frac{3}{4} \times \frac{1}{8}$ | 1.09 |
| $1\frac{3}{4} \times 1\frac{3}{4} \times \frac{1}{4}$ | 2.07 |

| Size (in) | Weight per metre (Kg) |
|---|-----------------------|
| $2 \times \frac{1}{2} \times \frac{1}{8}$ | 0.6 |
| $2 \times \frac{3}{4} \times \frac{1}{8}$ | 0.71 |
| $2 \times 1 \times \frac{1}{8}$ | 0.82 |
| $2 \times 1 \times \frac{3}{16}$ | 1.22 |
| $2 \times 1 \times \frac{1}{4}$ | 1.52 |
| $2 \times 1\frac{1}{2} \times \frac{1}{8}$ | 1.03 |
| $2 \times 1\frac{1}{2} \times \frac{1}{4}$ | 1.97 |
| $2 \times 2 \times \frac{1}{8}$ | 1.26 |
| $2 \times 2 \times \frac{3}{16}$ | 1.83 |
| $2 \times 2 \times \frac{1}{4}$ | 2.4 |
| $2\frac{1}{4} \times 1\frac{1}{4} \times \frac{3}{16}$ | 1.43 |
| $2\frac{1}{2} \times 1 \times \frac{1}{8}$ | 0.93 |
| $2\frac{1}{2} \times 1\frac{1}{4} \times \frac{3}{16}$ | 1.52 |
| $3 \times 1 \times \frac{1}{8}$ | 1.04 |
| $3 \times 1\frac{1}{2} \times \frac{1}{8}$ | 1.26 |
| $3 \times 1\frac{1}{2} \times \frac{3}{16}$ | 1.84 |
| $3 \times 1\frac{1}{2} \times \frac{1}{4} \times \frac{5}{16}$ | 2.66 |
| $3 \times 2 \times \frac{1}{8}$ | 1.48 |
| $3 \times 2 \times \frac{3}{16}$ | 2.17 |
| $3 \times 2 \times \frac{1}{4}$ | 2.84 |
| $3\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{4} \times \frac{5}{16}$ | 2.9 |
| $4 \times 2 \times \frac{1}{8}$ | 1.69 |
| $4 \times 2 \times \frac{3}{16}$ | 2.5 |
| $4 \times 2 \times \frac{1}{4} \times \frac{5}{16}$ | 3.66 |
| $5 \times 2 \times \frac{1}{4} \times \frac{5}{16}$ | 4.24 |
| $6 \times 2 \times \frac{1}{4} \times \frac{5}{16}$ | 4.53 |
| $6 \times 3 \times \frac{1}{4} \times \frac{3}{8}$ | 6.21 |
| $6 \times 3 \times \frac{3}{8} \times \frac{1}{2}$ | 8.49 |
| $8 \times 3 \times \frac{3}{8} \times \frac{1}{2}$ | 9.8 |
| $10 \times 3 \times \frac{3}{8} \times \frac{1}{2}$ | 11.33 |

Channel

ALLOYS: 6082-T6
6063-T6



Dimensions are in the order:
base x leg x base thickness
x leg thickness

Other alloys and temper designations may be available upon request

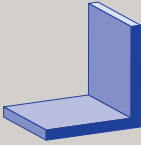
Contact your **local** Blackburns today...

(see back cover for location and contact details)

Equal Angle

ALLOYS: 6082-T6

6063-T6



| Size (in) | Weight per metre (Kg) |
|--|-----------------------|
| $\frac{3}{8} \times \frac{3}{8} \times \frac{1}{16}$ | 0.08 |
| $\frac{1}{2} \times \frac{1}{2} \times \frac{1}{16}$ | 0.1 |
| $\frac{1}{2} \times \frac{1}{2} \times \frac{1}{8}$ | 0.19 |
| $\frac{5}{8} \times \frac{5}{8} \times \frac{1}{16}$ | 0.13 |
| $\frac{5}{8} \times \frac{5}{8} \times \frac{1}{8}$ | 0.25 |
| $\frac{3}{4} \times \frac{3}{4} \times \frac{1}{16}$ | 0.16 |
| $\frac{3}{4} \times \frac{3}{4} \times \frac{1}{8}$ | 0.3 |
| $\frac{7}{8} \times \frac{7}{8} \times \frac{1}{8}$ | 0.36 |
| $1 \times 1 \times \frac{1}{16}$ | 0.21 |
| $1 \times 1 \times \frac{1}{8}$ | 0.41 |
| $1 \times 1 \times \frac{3}{16}$ | 0.59 |
| $1 \times 1 \times \frac{1}{4}$ | 0.76 |
| $1\frac{1}{8} \times 1\frac{1}{8} \times \frac{1}{8}$ | 0.46 |
| $1\frac{1}{4} \times 1\frac{1}{4} \times \frac{1}{16}$ | 0.27 |
| $1\frac{1}{4} \times 1\frac{1}{4} \times \frac{1}{8}$ | 0.52 |
| $1\frac{1}{4} \times 1\frac{1}{4} \times \frac{3}{16}$ | 0.76 |
| $1\frac{1}{4} \times 1\frac{1}{4} \times \frac{1}{4}$ | 0.98 |
| $1\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{16}$ | 0.32 |
| $1\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{8}$ | 0.63 |
| $1\frac{1}{2} \times 1\frac{1}{2} \times \frac{3}{16}$ | 0.92 |

| Size (in) | Weight per metre (Kg) |
|--|-----------------------|
| $1\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{4}$ | 1.2 |
| $1\frac{3}{4} \times 1\frac{3}{4} \times \frac{1}{8}$ | 0.74 |
| $1\frac{3}{4} \times 1\frac{3}{4} \times \frac{3}{16}$ | 1.09 |
| $1\frac{3}{4} \times 1\frac{3}{4} \times \frac{1}{4}$ | 1.42 |
| $2 \times 2 \times \frac{1}{16}$ | 0.43 |
| $2 \times 2 \times \frac{1}{8}$ | 0.85 |
| $2 \times 2 \times \frac{3}{16}$ | 1.25 |
| $2 \times 2 \times \frac{1}{4}$ | 1.64 |
| $2 \times 2 \times \frac{3}{8}$ | 2.38 |
| $2\frac{1}{2} \times 2\frac{1}{2} \times \frac{1}{8}$ | 1.06 |
| $2\frac{1}{2} \times 2\frac{1}{2} \times \frac{3}{16}$ | 1.58 |
| $2\frac{1}{2} \times 2\frac{1}{2} \times \frac{1}{4}$ | 2.08 |
| $2\frac{1}{2} \times 2\frac{1}{2} \times \frac{3}{8}$ | 3.03 |
| $3 \times 3 \times \frac{1}{8}$ | 1.28 |
| $3 \times 3 \times \frac{3}{16}$ | 1.91 |
| $3 \times 3 \times \frac{1}{4}$ | 2.51 |
| $3 \times 3 \times \frac{3}{8}$ | 3.69 |
| $4 \times 4 \times \frac{1}{4}$ | 3.39 |
| $4 \times 4 \times \frac{3}{8}$ | 5 |
| $6 \times 6 \times \frac{1}{2}$ | 10 |

Metric Angle

ALLOY: 6063-T6

| Size (mm) | Weight per metre (Kg) |
|-------------|-----------------------|
| 25 x 25 x 3 | 0.39 |
| 50 x 50 x 3 | 0.79 |
| 50 x 25 x 3 | 0.59 |

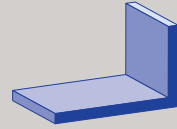
| Size (in) | Weight per metre (Kg) |
|--|-----------------------|
| $\frac{3}{4} \times \frac{1}{4} \times \frac{1}{16}$ | 0.1 |
| $\frac{3}{4} \times \frac{3}{8} \times \frac{1}{16}$ | 0.12 |
| $\frac{3}{4} \times \frac{1}{2} \times \frac{1}{16}$ | 0.13 |
| $\frac{3}{4} \times \frac{1}{2} \times \frac{1}{8}$ | 0.25 |
| $1 \times \frac{1}{2} \times \frac{1}{16}$ | 0.15 |
| $1 \times \frac{1}{2} \times \frac{1}{8}$ | 0.3 |
| $1 \times \frac{5}{8} \times \frac{1}{8}$ | 0.33 |
| $1 \times \frac{3}{4} \times \frac{1}{16}$ | 0.18 |
| $1 \times \frac{3}{4} \times \frac{1}{8}$ | 0.36 |
| $1\frac{1}{4} \times \frac{1}{2} \times \frac{1}{8}$ | 0.36 |
| $1\frac{1}{4} \times \frac{3}{4} \times \frac{1}{8}$ | 0.41 |
| $1\frac{1}{4} \times 1 \times \frac{1}{8}$ | 0.47 |
| $1\frac{1}{2} \times \frac{1}{2} \times \frac{1}{8}$ | 0.41 |
| $1\frac{1}{2} \times \frac{3}{4} \times \frac{1}{8}$ | 0.46 |
| $1\frac{1}{2} \times 1 \times \frac{1}{16}$ | 0.27 |
| $1\frac{1}{2} \times 1 \times \frac{1}{8}$ | 0.52 |
| $1\frac{3}{4} \times \frac{3}{4} \times \frac{1}{8}$ | 0.52 |
| $1\frac{3}{4} \times \frac{7}{8} \times \frac{1}{8}$ | 0.55 |
| $1\frac{3}{4} \times 1 \times \frac{1}{8}$ | 0.57 |
| $2 \times \frac{1}{2} \times \frac{1}{8}$ | 0.52 |
| $2 \times \frac{3}{4} \times \frac{1}{8}$ | 0.57 |
| $2 \times 1 \times \frac{1}{8}$ | 0.63 |
| $2 \times 1 \times \frac{3}{16}$ | 0.92 |

| Size (in) | Weight per metre (Kg) |
|--|-----------------------|
| $2 \times 1 \times \frac{1}{4}$ | 1.2 |
| $2 \times 1\frac{1}{2} \times \frac{1}{8}$ | 0.74 |
| $2 \times 1\frac{1}{2} \times \frac{3}{16}$ | 1.09 |
| $2 \times 1\frac{1}{2} \times \frac{1}{4}$ | 1.42 |
| $2\frac{1}{2} \times 1 \times \frac{1}{8}$ | 0.73 |
| $2\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{8}$ | 0.85 |
| $2\frac{1}{2} \times 1\frac{1}{2} \times \frac{3}{16}$ | 1.25 |
| $2\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{4}$ | 1.64 |
| $2\frac{1}{2} \times 2 \times \frac{1}{4}$ | 1.86 |
| $3 \times 1 \times \frac{1}{8}$ | 0.85 |
| $3 \times 1 \times \frac{1}{4}$ | 1.64 |
| $3 \times 1\frac{1}{2} \times \frac{1}{8}$ | 0.96 |
| $3 \times 1\frac{1}{2} \times \frac{3}{16}$ | 1.4 |
| $3 \times 1\frac{1}{2} \times \frac{1}{4}$ | 1.86 |
| $3 \times 2 \times \frac{1}{8}$ | 1.07 |
| $3 \times 2 \times \frac{3}{16}$ | 1.58 |
| $3 \times 2 \times \frac{1}{4}$ | 2.08 |
| $4 \times 1 \times \frac{1}{8}$ | 1.06 |
| $4 \times 2 \times \frac{1}{8}$ | 1.29 |
| $4 \times 2 \times \frac{1}{4}$ | 2.51 |
| $4 \times 3 \times \frac{1}{4}$ | 2.95 |
| $5 \times 2 \times \frac{1}{4}$ | 2.92 |
| $6 \times 3 \times \frac{3}{8}$ | 5.63 |

Unequal Angle

ALLOYS: 6082-T6

6063-T6



Other alloys and temper designations may be available upon request

Contact your **local** Blackburns today...

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Mouldings
GUTTER SECTIONS



8
0.131 kg/m



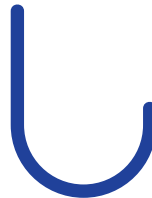
225
0.129 kg/m



455
0.275 kg/m



466
0.259 kg/m



582
0.205 kg/m

Mouldings

COPE



84
0.237 kg/m



306
0.219 kg/m



760
0.228 kg/m



767
0.348 kg/m



794
0.421 kg/m



809
0.302 kg/m



903
0.089 kg/m



905
0.281 kg/m



906
0.232 kg/m

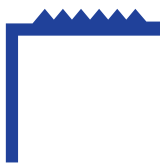
Other alloys and temper designations maybe available upon request

Contact your **local** Blackburns today...

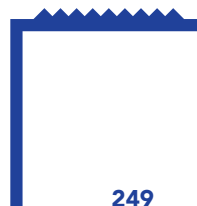
(see back cover for location and contact details)

Mouldings

FLUTED EDGINGS
& NOSINGS



36
0.167 kg/m



249
0.237 kg/m



527
0.247 kg/m



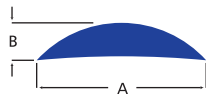
673
0.455 kg/m



748
0.491 kg/m



786
0.368 kg/m



Half Round

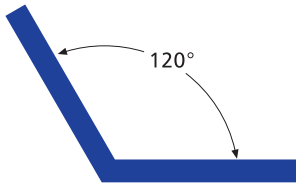
| Size (in) | Weight per metre (Kg) |
|-----------------------------------|-----------------------|
| $\frac{5}{8} \times \frac{3}{16}$ | 0.128 |
| $\frac{3}{4} \times \frac{3}{16}$ | 0.146 |
| $1 \times \frac{3}{16}$ | 0.153 |

| Size (in) | Weight per metre (Kg) |
|------------------------------------|-----------------------|
| $1\frac{1}{4} \times \frac{3}{16}$ | 0.21 |
| $1\frac{1}{2} \times \frac{3}{16}$ | 0.25 |
| $2 \times \frac{1}{4}$ | 0.445 |



Double Feather Edge

| Size (in) | Weight per metre (Kg) |
|-----------------------------------|-----------------------|
| $1 \times \frac{1}{8}$ | 0.207 |
| $1\frac{1}{4} \times \frac{1}{8}$ | 0.262 |
| $1\frac{1}{2} \times \frac{1}{8}$ | 0.318 |



900

0.418 kg/m



730

0.207 kg/m



932

0.217 kg/m

Mouldings

HALF ROUND SECTIONS

Mouldings

DOUBLE FEATHERED SECTIONS

Mouldings

CORNER SECTIONS

Mouldings

LAP PLATE SECTIONS

Other alloys and temper designations maybe available upon request

Contact your **local** Blackburns today...

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Wallboard Sections

FOR 1/8" BOARD



$\frac{1}{8}$ "
Continual Run



$\frac{1}{8}$ "
End Stop

Wallboard Sections

FOR 3/16" BOARD



$\frac{3}{16}$ "
Continual Run



$\frac{3}{16}$ "
End Stop

Wallboard Sections

FOR 1/4" BOARD



$\frac{1}{4}$ "
Continual Run



$\frac{1}{4}$ "
End Stop



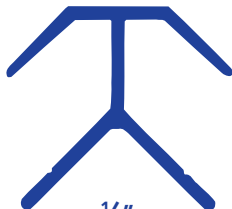
1/2"

Continual Run



1/2"

End Stop



1/2"

External Corner



1/2"

Internal Corner



1142

3/4"

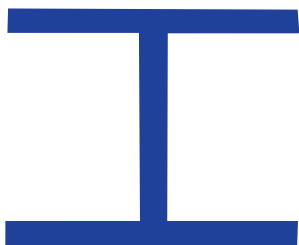
Continual Run



953

3/4"

End Stop



1143

1"

Continual Run



1144

1"

End Stop

Wallboard Sections

FOR 1/2" BOARD

Wallboard Sections

FOR 3/4" BOARD

Wallboard Sections

FOR 1" BOARD

Other alloys and temper designations maybe available upon request

Contact your **local** Blackburns today...

(see back cover for location and contact details)

Miscellaneous
Sections



733
0.190 kg/m



734
0.210 kg/m



806
0.381 kg/m



807
0.506 kg/m



855
0.271 kg/m



857
0.167 kg/m



924
0.179 kg/m



926
0.394 kg/m

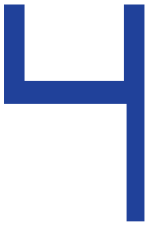


927
0.506 kg/m

Other alloys and temper designations maybe available upon request

Contact your **local** Blackburns today...

(see back cover for location and contact details)



928
0.430 kg/m



929
0.368 kg/m



952
0.176 kg/m



972
0.271 kg/m



936
0.298 kg/m



GM204



Hanging Z Section



Caravan Awning

Hanging Z Section

Caravan Awning

Sheet

ALLOYS: 5083

3103-H14, 6082-T6

| Size (mm) | Alloys > | 5083 | 3103-H14 | 6082-T6 |
|--------------------|----------|------|----------|---------|
| 2000 x 1000 x 1 | | | ✓ | |
| 2500 x 1250 x 1 | | | ✓ | ✓ |
| 2000 x 1000 x 1.2 | | ✓ | ✓ | |
| 2500 x 1250 x 1.2 | | ✓ | ✓ | ✓ |
| 3000 x 1500 x 1.2 | | ✓ | | |
| 2000 x 1000 x 1.5 | | ✓ | ✓ | |
| 2500 x 1250 x 1.5 | | ✓ | ✓ | ✓ |
| 3000 x 1500 x 1.5 | | ✓ | | |
| 2000 x 1000 x 2 | | ✓ | | |
| 2500 x 1250 x 2 | | ✓ | ✓ | ✓ |
| 3000 x 1250 x 2 | | ✓ | | |
| 3000 x 1500 x 2 | | ✓ | | |
| 2000 x 1000 x 2.5 | | ✓ | | |
| 2500 x 1250 x 2.5 | | ✓ | | |
| 2438 x 1219 x 2.83 | | | | |
| 2000 x 1000 x 3 | | ✓ | | |
| 2500 x 1250 x 3 | | ✓ | ✓ | ✓ |
| 3000 x 1250 x 3 | | ✓ | ✓ | |
| 3000 x 1500 x 3 | | ✓ | | |

Shate / Plate

ALLOYS: 5251

5083-H111, 6082-T651

| Size (mm) | Alloys > | 5251 | 5083-H111 | 6082-T651 |
|-----------------|----------|------|-----------|--------------|
| 2000 x 1000 x 3 | | | ✓ | |
| 2500 x 1250 x 3 | | | ✓ | |
| 3000 x 1500 x 3 | | | ✓ | |
| 4000 x 2000 x 3 | | | ✓ | |
| 6000 x 2000 x 3 | | | ✓ | |
| 2000 x 1000 x 4 | | ✓ | ✓ | |
| 2500 x 1250 x 4 | | ✓ | ✓ | ✓ |
| 3000 x 1500 x 4 | | ✓ | ✓ | |
| 4000 x 2000 x 4 | | | ✓ | |
| 6000 x 2000 x 4 | | | ✓ | |
| 2000 x 1000 x 5 | | ✓ | ✓ | |
| 2500 x 1250 x 5 | | ✓ | ✓ | ✓ |
| 3000 x 1500 x 5 | | ✓ | ✓ | |
| 4000 x 2000 x 5 | | | ✓ | |
| 6000 x 2000 x 5 | | | ✓ | |
| 2000 x 1000 x 6 | | ✓ | ✓ | |
| 2500 x 1250 x 6 | | ✓ | ✓ | ✓ |
| 3000 x 1500 x 6 | | ✓ | ✓ | |
| 4000 x 2000 x 6 | | | ✓ | continued... |

Shate / Plate (continued)

ALLOYS: 5251

5083-H111, 6082-T651

| Size (mm) | Alloys > | 5251 | 5083-H111 | 6082-T651 |
|------------------|----------|------|-----------|-----------|
| 6000 x 2000 x 6 | | | ✓ | |
| 2000 x 1000 x 8 | | | ✓ | |
| 2500 x 1250 x 8 | | | ✓ | ✓ |
| 3000 x 1500 x 8 | | | ✓ | |
| 4000 x 2000 x 8 | | | ✓ | |
| 6000 x 2000 x 8 | | | ✓ | |
| 2000 x 1000 x 10 | | | ✓ | |
| 2500 x 1250 x 10 | | | ✓ | ✓ |
| 3000 x 1500 x 10 | | | ✓ | |
| 4000 x 2000 x 10 | | | ✓ | |
| 6000 x 2000 x 10 | | | ✓ | |
| 2000 x 1000 x 12 | | | ✓ | |
| 2500 x 1250 x 12 | | | ✓ | ✓ |
| 3000 x 1500 x 12 | | | ✓ | |
| 4000 x 2000 x 12 | | | ✓ | |
| 6000 x 2000 x 12 | | | ✓ | |
| 2500 x 1250 x 15 | | | | ✓ |
| 2000 x 1000 x 16 | | | ✓ | |
| 2500 x 1250 x 16 | | | ✓ | |
| 3000 x 1500 x 16 | | | ✓ | |
| 4000 x 2000 x 16 | | | ✓ | |
| 6000 x 2000 x 16 | | | ✓ | |
| 2000 x 1000 x 20 | | | ✓ | |
| 2500 x 1250 x 20 | | | ✓ | ✓ |
| 3000 x 1500 x 20 | | | ✓ | |
| 4000 x 2000 x 20 | | | ✓ | |
| 6000 x 2000 x 20 | | | ✓ | |
| 2000 x 1000 x 25 | | | ✓ | |
| 2500 x 1250 x 25 | | | ✓ | ✓ |
| 3000 x 1500 x 25 | | | ✓ | |
| 4000 x 2000 x 25 | | | ✓ | |
| 6000 x 2000 x 25 | | | ✓ | |
| 2000 x 1000 x 30 | | | ✓ | |
| 2500 x 1250 x 30 | | | ✓ | |
| 3000 x 1500 x 30 | | | ✓ | |
| 4000 x 2000 x 30 | | | ✓ | |
| 6000 x 2000 x 30 | | | ✓ | |

Other thicknesses up to 120mm available

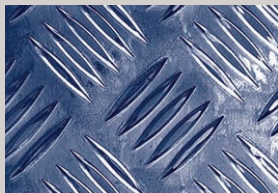
Cut to size option available

Marine Kits - Plates can be cut or profiled to bespoke sizes or shapes and supplied in kit Form

Patterned Sheet

Five Bar Treadplate

ALLOY: 5754-H111

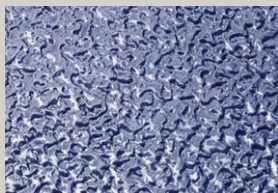


| Size (mm) | Weight per sheet (Kg) |
|-------------------|-----------------------|
| 2500 x 1250 x 1.5 | 13.3 |
| 2000 x 1000 x 2 | 11.3 |
| 2500 x 1250 x 2 | 18.7 |
| 3000 x 1500 x 2 | 26.8 |
| 2000 x 1000 x 3 | 17.3 |
| 2500 x 1250 x 3 | 27.0 |
| 3000 x 1500 x 3 | 38.9 |

| Size (mm) | Weight per sheet (Kg) |
|-------------------|-----------------------|
| 2000 x 1000 x 4.5 | 25.0 |
| 2500 x 1250 x 4.5 | 39.1 |
| 3000 x 1500 x 4.5 | 56.3 |
| 2000 x 1000 x 6 | 34.0 |
| 2500 x 1250 x 6 | 51.7 |
| 3000 x 1500 x 6 | 74.3 |
| 2500 x 1250 x 9.5 | 84.3 |

Stucco

ALLOY: 1050-H14



| Size (mm) | Weight per sheet (Kg) |
|-------------------|-----------------------|
| 2000 x 1000 x 0.5 | 2.74 |
| 2500 x 1250 x 0.5 | 4.28 |
| 2000 x 1000 x 0.6 | 3.28 |
| 2500 x 1250 x 0.6 | 5.14 |
| 2000 x 1000 x 0.7 | 3.84 |

| Size (mm) | Weight per sheet (Kg) |
|-------------------|-----------------------|
| 2500 x 1250 x 0.7 | 5.99 |
| 2000 x 1000 x 0.8 | 4.38 |
| 2500 x 1250 x 0.8 | 6.84 |
| 2500 x 1250 x 1.0 | 8.50 |
| 2500 x 1250 x 1.2 | 10.00 |

Propeller*

ALLOY: 3003



| Size (mm) | Weight per sheet (Kg) |
|-------------------|-----------------------|
| 2500 x 1250 x 1.5 | 14.0 |
| 2500 x 1250 x 2.0 | 18.0 |
| 2500 x 1250 x 3.0 | 28.0 |

* Propeller pattern also available up to 6mm thick

Contact your **local** Blackburns today...

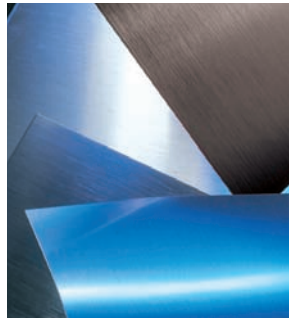
(see back cover for location and contact details)

Stainless Steel

Blackburns Marine stocks a comprehensive range of Stainless Steel products, many of which are specifically tailored to Marine applications. This is not an exhaustive list and full details of our complete range can be found at www.blackburnsmarine.com

We have specific expertise in the supply of polished tubes and rolled products, having built key supply partnerships with many of the leading boat manufacturers.

We are able to offer fabrication, processing and bespoke products to customer specifications. These include Duplex and other hybrid products with potential weight saving properties.



Marine Tube

Round

TYPE 316
STAINLESS STEEL
WELDED ORNAMENTAL
MIRROR &
SUPER MIRROR POLISHED

| O/D (in) | Wall (mm) | Weight per metre (Kg) |
|----------|-----------|-----------------------|
| ½ | 1.5 | 0.42 |
| ¾ | 1.2 | 0.44 |
| ¾ | 1.5 | 0.54 |
| ¾ | 1.2 | 0.53 |
| ¾ | 1.5 | 0.66 |
| ¾ | 1.2 | 0.63 |
| ¾ | 1.5 | 0.78 |
| ¾ | 2.0 | 1.01 |
| 1 | 1.2 | 0.73 |
| 1 | 1.5 | 0.9 |
| 1 | 1.6 | 0.96 |
| 1 | 2.0 | 1.17 |
| 1½ | 1.5 | 1.02 |
| 1½ | 1.2 | 0.92 |
| 1½ | 1.5 | 1.13 |
| 1½ | 1.6 | 1.22 |

| O/D (in) | Wall (mm) | Weight per metre (Kg) |
|----------|-----------|-----------------------|
| 1¾ | 1.2 | 1.02 |
| 1½ | 1.2 | 1.11 |
| 1½ | 1.5 | 1.38 |
| 1½ | 1.6 | 1.48 |
| 1½ | 2.0 | 1.81 |
| 1¾ | 1.5 | 1.62 |
| 2 | 1.2 | 1.49 |
| 2 | 1.5 | 1.85 |
| 2 | 2.0 | 2.4 |
| 2½ | 1.5 | 2.34 |
| 3 | 1.5 | 2.81 |
| 4 | 3.0 | 7.41 |
| 5 | 2.0 | 4.68 |
| 6 | 2.0 | 7.60 |
| 8 | 3.0 | 15.15 |

Round

TYPE 316
HANDRAIL SECTION
DULL POLISHED
+ FITTINGS

| O/D (mm) | Wall (mm) | Weight per metre (Kg) |
|----------|-----------|-----------------------|
| 42.4 | 2.5 | 2.49 |
| 48.3 | 2.5 | 2.86 |
| 60.3 | 2.5 | 3.61 |

| O/D (in) | Wall (mm) | Weight per metre (Kg) |
|----------|-----------|-----------------------|
| 1½ | 3 | 2.62 |
| 2 | 3 | 3.57 |
| 3 | 3 | 5.47 |
| 4 | 3 | 7.38 |

Contact your **local** Blackburns today...

(see back cover for location and contact details)

| Dimensions (mm) | Wall (mm) | Weight per metre (Kg) |
|-----------------|-----------|-----------------------|
| 20 x 20 | 1.5 | 0.88 |
| 20 x 20 | 2 | 1.19 |
| 25 x 25 | 1.2 | 0.92 |
| 25 x 25 | 1.5 | 1.14 |
| 30 x 30 | 2 | 1.84 |
| 30 x 30 | 3 | 2.72 |
| 40 x 40 | 1.5 | 1.85 |
| 40 x 40 | 2 | 2.45 |
| 40 x 40 | 3 | 3.75 |
| 50 x 50 | 2 | 3.08 |
| 50 x 50 | 3 | 4.65 |
| 50 x 50 | 4 | 5.96 |
| 60 x 60 | 3 | 5.49 |
| 80 x 80 | 2 | 4.98 |
| 80 x 80 | 3 | 7.53 |
| 80 x 80 | 4 | 9.82 |

| Dimensions (mm) | Wall (mm) | Weight per metre (Kg) |
|-----------------|-----------|-----------------------|
| 100 x 100 | 3 | 9.53 |
| 100 x 100 | 4 | 12.4 |
| 100 x 100 | 5 | 15.38 |
| 100 x 100 | 6 | 17.5 |
| 100 x 100 | 8 | 21.6 |
| 120 x 120 | 4 | 15.03 |
| 120 x 120 | 5 | 18.66 |
| 120 x 120 | 6 | 21.2 |
| 150 x 150 | 4 | 18.64 |
| 150 x 150 | 5 | 23 |
| 150 x 150 | 6 | 27.36 |
| 200 x 200 | 5 | 30.8 |
| 200 x 200 | 6 | 36.9 |
| 200 x 200 | 8 | 47.25 |
| 200 x 200 | 10 | 57.6 |
| 250 x 250 | 10 | 73.5 |

| Dimensions (mm) | Wall (mm) | Weight per metre (Kg) |
|-----------------|-----------|-----------------------|
| 40 x 20 | 2 | 1.84 |
| 50 x 25 | 1.5 | 1.75 |
| 60 x 40 | 2 | 3.08 |
| 80 x 40 | 2 | 4.98 |
| 80 x 40 | 3 | 5.49 |
| 80 x 40 | 4 | 7.22 |
| 80 x 40 | 5 | 8.9 |
| 100 x 50 | 5 | 11.24 |
| 120 x 80 | 3 | 9.53 |
| 120 x 80 | 4 | 12.4 |
| 120 x 80 | 5 | 15.38 |
| 150 x 100 | 3 | 11.66 |

| Dimensions (mm) | Wall (mm) | Weight per metre (Kg) |
|-----------------|-----------|-----------------------|
| 150 x 100 | 4 | 15.4 |
| 150 x 100 | 5 | 18.8 |
| 150 x 100 | 6 | 22.6 |
| 150 x 100 | 8 | 27.9 |
| 160 x 80 | 3 | 11.1 |
| 200 x 100 | 4 | 18.6 |
| 200 x 100 | 5 | 22.4 |
| 200 x 100 | 8 | 34.3 |
| 200 x 100 | 10 | 41.65 |
| 250 x 150 | 8 | 47.25 |
| 300 x 100 | 8 | 47.25 |

Square

TYPE 316

WELDED

DE-SCALED

DULL POLISHED

MIRROR POLISHED

Rectangular

TYPE 316

WELDED

DE-SCALED

DULL POLISHED

MIRROR POLISHED

Oval

TYPE 316

MIRROR POLISHED

| O/D (mm) | Wall (mm) | Weight per metre (Kg) |
|-------------|-----------|-----------------------|
| 23.5 x 13.5 | 1.5 | 0.66 |
| 30.5 x 17.5 | 1.5 | 0.96 |
| 39.5 x 20.5 | 1.5 | 1.10 |
| 47 x 25 | 1.5 | 1.30 |
| 61 x 37 | 1.5 | 1.83 |
| 61 x 37 | 2 | 2.44 |
| 61 x 37 | 3 | 3.66 |
| 76 x 50 | 2 | 2.40 |

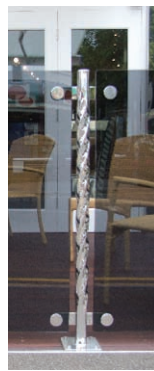
| O/D (mm) | Wall (mm) | Weight per metre (Kg) |
|-----------|-----------|-----------------------|
| 90 x 60 | 1.5 | 2.80 |
| 90 x 60 | 2 | 3.71 |
| 90 x 60 | 3 | 5.49 |
| 121 x 76 | 2 | 5.05 |
| 121 x 76 | 3 | 7.40 |
| 128 x 70 | 2 | 5.05 |
| 128 x 70 | 3 | 7.40 |
| 200 x 100 | 2 | 7.60 |

Twisted

TYPE 316

MIRROR POLISHED

| O/D (mm) | Wall (mm) | Weight per metre (Kg) |
|----------|-----------|-----------------------|
| 17 x 17 | 1.5 | 0.88 |
| 23 x 23 | 1.5 | 1.15 |
| 28 x 28 | 1.5 | 1.40 |
| 33 x 33 | 1.5 | 1.77 |
| 45 x 45 | 1.5 | 2.20 |
| 66 x 66 | 1.5 | 3.40 |
| 66 x 66 | 2 | 4.50 |
| 88 x 88 | 1.5 | 4.50 |
| 88 x 88 | 2 | 5.99 |



Square Ornamental

TYPE 316

MIRROR POLISHED

| O/D (mm) | Wall (mm) | Weight per metre (Kg) |
|----------|-----------|-----------------------|
| 17 x 17 | 1.5 | 0.88 |
| 23 x 23 | 1.5 | 1.15 |
| 28 x 28 | 1.5 | 1.40 |
| 33 x 33 | 1.5 | 1.77 |
| 45 x 45 | 1.5 | 2.20 |
| 66 x 66 | 1.5 | 3.40 |
| 66 x 66 | 2 | 4.50 |
| 88 x 88 | 1.5 | 4.50 |
| 88 x 88 | 2 | 5.99 |

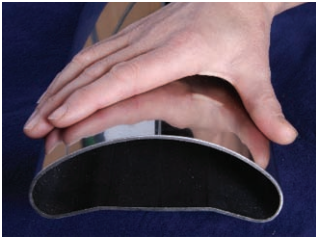


Contact your **local** Blackburns today...

(see back cover for location and contact details)



| O/D (mm) | Wall (mm) | Weight per metre (Kg) |
|----------|-----------|-----------------------|
| 34 x 12 | 1.5 | 0.96 |
| 50 x 18 | 1.5 | 1.48 |
| 65 x 27 | 2 | 2.40 |
| 100 x 41 | 2 | 3.71 |
| 138 x 49 | 2 | 5.05 |



| |
|--------------------------|
| Equal Socket (coupling) |
| 90° Elbows (female) |
| Half Socket |
| 45° Elbows (female) |
| Reducing Socket |
| Reducing Bush |
| Hexagon Union |
| Square Head Plug |
| Barrel Nipples |
| Hexagon Head Plug |
| Hexagon Nipples |
| Caps |
| Weld Nipples |
| Hexagon Back-Nut |
| Hexagon Reducing Nipples |
| Equal Tee |
| 90° Bends (male) |

Handrail Section

TYPE 316

MIRROR POLISHED

Pipe Fittings

TYPE 316

MIRROR POLISHED

Welded Pipe

ASTM A312, 304L, 316L

| NPS/NB (in) | SCH (55) | SCH (105) | SCH (405) |
|----------------|-------------|--------------|--------------|
| ½ | ✓ | ✓ | ✓ |
| ¾ | ✓ | ✓ | ✓ |
| 1 | ✓ | ✓ | ✓ |
| 1¼ | ✓ | ✓ | ✓ |
| 1½ | ✓ | ✓ | ✓ |
| 2 | ✓ | ✓ | ✓ |
| 2½ | ✓ | ✓ | ✓ |
| 3 | ✓ | ✓ | ✓ |
| 3½ | ✓ | ✓ | ✓ |
| 4 | ✓ | ✓ | ✓ |
| 5 | - | ✓ | ✓ |
| 6 | ✓ | ✓ | ✓ |
| 8 | ✓ | ✓ | ✓ |
| 10 | ✓ | ✓ | ✓ |
| 12 | ✓ | ✓ | ✓ |
| 14 | - | ✓ | - |
| 16 | - | ✓ | - |
| 18 | - | ✓ | - |
| 20 | - | ✓ | - |
| 24 | - | ✓ | - |

Contact your **local** Blackburns today...

(see back cover for location and contact details)

Seamless Pipe

ASTM A312, 304L

| NPS/NB (in) | SCH (105) | SCH (405) | SCH (805) |
|----------------|--------------|--------------|--------------|
| ¼ | - | ✓ | ✓ |
| ⅜ | ✓ | ✓ | ✓ |
| ½ | ✓ | ✓ | ✓ |
| ¾ | - | ✓ | ✓ |
| 1 | ✓ | ✓ | ✓ |
| 1¼ | - | ✓ | ✓ |
| 1½ | ✓ | ✓ | ✓ |
| 2 | ✓ | ✓ | ✓ |
| 2½ | ✓ | ✓ | - |
| 3 | ✓ | ✓ | ✓ |
| 4 | ✓ | ✓ | ✓ |
| 6 | ✓ | ✓ | ✓ |
| 8 | - | ✓ | ✓ |

| NPS/NB (in) | SCH (105) | SCH (405) | SCH (805) | SCH (160) |
|----------------|--------------|--------------|--------------|--------------|
| ⅛ | ✓ | ✓ | - | - |
| ¼ | ✓ | ✓ | ✓ | - |
| ⅜ | ✓ | ✓ | ✓ | - |
| ½ | ✓ | ✓ | ✓ | ✓ |
| ¾ | ✓ | ✓ | ✓ | ✓ |
| 1 | ✓ | ✓ | ✓ | ✓ |
| 1¼ | - | - | ✓ | - |
| 1½ | ✓ | ✓ | ✓ | ✓ |
| 2 | ✓ | ✓ | ✓ | ✓ |
| 2½ | ✓ | ✓ | ✓ | - |
| 3 | ✓ | ✓ | ✓ | ✓ |
| 3½ | ✓ | ✓ | - | - |
| 4 | ✓ | ✓ | ✓ | - |
| 5 | - | ✓ | - | - |
| 6 | ✓ | ✓ | ✓ | - |
| 8 | ✓ | ✓ | ✓ | - |

Seamless Pipe

ASTM A312, 316L

Duplex Bar

(1.4462)

BRIGHT GROUND

| Diameter (in) | Weight per metre (Kg) |
|---------------|-----------------------|
| 1" | 4.03 |
| 1¼" | 6.25 |
| 1½" | 9 |
| 1¾" | 12.2 |
| 2" | 16 |
| 2¼" | 20.3 |
| 2½" | 25 |
| 2¾" | 30.3 |
| 3" | 36 |
| 3¼" | 43.1 |
| 3½" | 50 |
| 4" | 65 |
| 4½" | 82.7 |
| 5" | 102 |
| 5½" | 123 |
| 6" | 147 |

| Diameter (mm) | Weight per metre (Kg) |
|---------------|-----------------------|
| 30mm | 5.58 |
| 35mm | 7.6 |
| 40mm | 9.93 |
| 50mm | 15.5 |
| 60mm | 22.3 |
| 65mm | 26.05 |
| 70mm | 30.2 |
| 80mm | 39.8 |
| 90mm | 49.9 |
| 95mm | 55.8 |
| 100mm | 62.9 |
| 110mm | 76.3 |
| 120mm | 90.4 |
| 130mm | 104.5 |
| 140mm | 124.4 |
| 150mm | 145 |

Round

316S11/S31 (1.4404)

ROUGH TURNED

| Diameter (in) | Weight per metre (Kg) |
|---------------|-----------------------|
| 3" | 36.3 |
| 3¼" | 43.2 |
| 3½" | 50.2 |
| 3¾" | 57.6 |
| 4" | 65.5 |
| 4¼" | 73.9 |
| 4½" | 82.9 |
| 4¾" | 92.4 |
| 5" | 102 |
| 5¼" | 113 |
| 5½" | 123 |
| 5¾" | 135 |
| 6" | 147 |
| 6¼" | 160 |
| 6½" | 173 |
| 7" | 201 |

| Diameter (mm/in) | Weight per metre (Kg) |
|------------------|-----------------------|
| 185mm | 217 |
| 7¼" | 215 |
| 7½" | 230 |
| 8" | 262 |
| 8½" | 296 |
| 220mm | 307 |
| 9" | 332 |
| 9½" | 370 |
| 10" | 409 |
| 10½" | 451 |
| 11" | 495 |
| 12" | 501 |
| 340mm | 734 |
| 14" | 802 |
| 16" | 1049 |

| Diameter (mm/in) | Weight per metre (Kg) |
|------------------|-----------------------|
| 3mm | 0.06 |
| 1/8" | 0.06 |
| 4mm | 0.1 |
| 3/16" | 0.14 |
| 5mm | 0.16 |
| 1/4" | 0.25 |
| 6mm | 0.22 |
| 7mm | 0.3 |
| 5/16" | 0.39 |
| 8mm | 0.4 |
| 3/8" | 0.56 |
| 10mm | 0.62 |
| 7/16" | 0.77 |
| 12mm | 0.89 |
| 1/2" | 1 |
| 9/16" | 1.22 |
| 14mm | 1.22 |
| 15mm | 1.4 |
| 5/8" | 1.56 |
| 16mm | 1.59 |
| 11/16" | 1.89 |
| 18mm | 2.01 |
| 3/4" | 2.25 |
| 20mm | 2.48 |
| 22mm | 3 |

| Diameter (mm/in) | Weight per metre (Kg) |
|------------------|-----------------------|
| 7/8" | 3.07 |
| 24mm | 3.57 |
| 25mm | 3.88 |
| 1" | 4.03 |
| 1 1/8" | 5.07 |
| 30mm | 5.58 |
| 1 1/4" | 6.25 |
| 1 3/8" | 7.57 |
| 35mm | 7.6 |
| 1 1/2" | 9.01 |
| 40mm | 9.93 |
| 1 5/8" | 10.6 |
| 1 3/4" | 12.2 |
| 45mm | 12.56 |
| 1 7/8" | 14.1 |
| 50mm | 15.5 |
| 2" | 16 |
| 2 1/8" | 18.1 |
| 2 1/4" | 20.3 |
| 60mm | 22.3 |
| 2 3/8" | 22.6 |
| 2 1/2" | 25 |
| 2 5/8" | 27.6 |
| 2 3/4" | 30.3 |
| 3" | 36 |

Round

TYPE 316 (1.4404)

DUPLEX (1.4462)

BRIGHT DRAWN

SMOOTH TURNED

BRIGHT GROUND

Contact your **local** Blackburns today...

(see back cover for location and contact details)

Flat

304S11/S31 &
316S11/S31
(1.4307 + 1.4404)
HOT ROLLED

| Size (mm) | Weight per metre (Kg) |
|-----------|-----------------------|
| 20 x 10 | 1.58 |
| 25 x 10 | 1.98 |
| 30 x 10 | 2.37 |
| 40 x 10 | 3.16 |
| 50 x 10 | 3.95 |
| 60 x 10 | 4.74 |
| 75 x 10 | 5.93 |
| 100 x 10 | 7.9 |
| 25 x 12 | 2.37 |
| 30 x 12 | 2.84 |
| 40 x 12 | 3.79 |
| 50 x 12 | 4.74 |
| 60 x 12 | 5.69 |
| 75 x 12 | 7.11 |
| 100 x 12 | 9.48 |
| 25 x 15 | 2.96 |
| 30 x 15 | 3.56 |
| 40 x 15 | 4.74 |

| Size (mm) | Weight per metre (Kg) |
|-----------|-----------------------|
| 50 x 15 | 5.93 |
| 60 x 15 | 7.11 |
| 75 x 15 | 8.88 |
| 100 x 15 | 11.9 |
| 20 x 20 | 3.95 |
| 30 x 20 | 4.74 |
| 40 x 20 | 6.32 |
| 50 x 20 | 7.9 |
| 60 x 20 | 9.48 |
| 75 x 20 | 11.9 |
| 100 x 20 | 15.8 |
| 30 x 25 | 5.93 |
| 40 x 25 | 7.9 |
| 50 x 25 | 9.88 |
| 60 x 25 | 11.9 |
| 75 x 25 | 14.8 |
| 100 x 25 | 19.8 |

Hexagon

303S31 &
316S11/S31
(1.4305 + 1.4404)

| Size (in) | Weight per metre (Kg) |
|-----------|-----------------------|
| .3125" | 0.43 |
| .324" | 0.46 |
| .375" | 0.62 |
| .437" | 0.84 |
| .500" | 1.10 |
| .525" | 1.22 |
| .562" | 1.39 |
| .600" | 1.59 |
| .625" | 1.73 |
| .710" | 2.22 |
| .750" | 2.48 |
| .812" | 2.91 |
| .820" | 2.97 |
| .875" | 3.38 |
| .920" | 3.74 |
| .9375" | 3.88 |

| Size (in) | Weight per metre (Kg) |
|-----------|-----------------------|
| 1.010" | 4.50 |
| 1.100" | 5.35 |
| 1.125" | 5.59 |
| 1.200" | 6.36 |
| 1.250" | 6.90 |
| 1.300" | 7.46 |
| 1.375" | 8.35 |
| 1.480" | 9.67 |
| 1.500" | 9.93 |
| 1.670" | 12.30 |
| 1.750" | 13.50 |
| 1.860" | 15.30 |
| 2.200" | 21.40 |
| 2.220" | 21.80 |
| 2.375" | 24.90 |
| 2.500" | 27.60 |

| Size (mm) | Weight per metre (Kg) |
|-----------|-----------------------|
| 12 x 3 | 0.28 |
| 20 x 3 | 0.47 |
| 25 x 3 | 0.59 |
| 30 x 3 | 0.71 |
| 40 x 3 | 0.95 |
| 50 x 3 | 1.19 |
| 60 x 3 | 1.42 |
| 75 x 3 | 1.78 |
| 100 x 3 | 2.37 |
| 12 x 5 | 0.47 |
| 20 x 5 | 0.79 |
| 25 x 5 | 0.99 |
| 30 x 5 | 1.19 |
| 40 x 5 | 1.58 |
| 45 x 5 | 1.78 |
| 50 x 5 | 1.98 |
| 60 x 5 | 2.37 |
| 75 x 5 | 2.96 |
| 100 x 5 | 3.95 |
| 12 x 6 | 0.57 |
| 20 x 6 | 0.95 |
| 25 x 6 | 1.19 |
| 30 x 6 | 1.42 |
| 40 x 6 | 1.9 |
| 45 x 6 | 2.13 |

| Size (mm) | Weight per metre (Kg) |
|-----------|-----------------------|
| 50 x 6 | 2.37 |
| 60 x 6 | 2.84 |
| 75 x 6 | 3.56 |
| 100 x 6 | 4.74 |
| 25 x 8 | 1.58 |
| 30 x 8 | 1.9 |
| 40 x 8 | 2.53 |
| 50 x 8 | 3.16 |
| 60 x 8 | 3.79 |
| 75 x 8 | 4.74 |
| 100 x 8 | 6.32 |
| 25 x 10 | 1.98 |
| 30 x 10 | 2.37 |
| 40 x 10 | 3.16 |
| 50 x 10 | 3.95 |
| 60 x 10 | 4.74 |
| 75 x 10 | 5.93 |
| 100 x 10 | 7.9 |
| 25 x 12 | 2.37 |
| 30 x 12 | 2.84 |
| 40 x 12 | 3.79 |
| 50 x 12 | 4.74 |
| 60 x 12 | 5.69 |
| 75 x 12 | 7.11 |
| 100 x 12 | 9.48 |

| Size (mm) | Weight per metre (Kg) |
|-----------|-----------------------|
| 12 x 12 | 1.14 |
| 16 x 16 | 2.02 |
| 20 x 20 | 3.16 |
| 25 x 25 | 4.94 |

| Size (mm) | Weight per metre (Kg) |
|-----------|-----------------------|
| 30 x 30 | 7.11 |
| 40 x 40 | 12.6 |
| 50 x 50 | 19.8 |

Flat

TYPE 304 & 316L

(1.4301 + 1.4404)

ROLLED EDGE

Square

304S11/S31 &

316S11/S31

(1.4301 + 1.4404)

Contact your **local** Blackburns today...

(see back cover for location and contact details)

Angle

304S31 & 316S11/S31

(1.4301 + 1.4404)

| Size (mm) | Weight per metre (Kg) |
|-------------|-----------------------|
| 20 x 20 x 3 | 0.88 |
| 25 x 25 x 3 | 1.12 |
| 25 x 25 x 5 | 1.78 |
| 25 x 25 x 6 | 2.09 |
| 30 x 30 x 3 | 1.35 |
| 30 x 30 x 5 | 2.17 |
| 30 x 30 x 6 | 2.56 |
| 40 x 40 x 3 | 1.83 |
| 40 x 40 x 5 | 2.96 |
| 40 x 40 x 6 | 3.51 |
| 50 x 50 x 3 | 2.3 |
| 50 x 50 x 5 | 3.75 |
| 50 x 50 x 6 | 4.46 |

| Size (mm) | Weight per metre (Kg) |
|----------------|-----------------------|
| 50 x 50 x 10 | 7.11 |
| 60 x 60 x 5 | 4.58 |
| 60 x 60 x 6 | 5.4 |
| 60 x 60 x 10 | 8.69 |
| 70 x 70 x 6 | 6.35 |
| 70 x 70 x 10 | 10.3 |
| 75 x 75 x 6 | 7.37 |
| 75 x 75 x 10 | 11.95 |
| 80 x 80 x 6 | 7.89 |
| 80 x 80 x 10 | 12.8 |
| 100 x 100 x 6 | 9.2 |
| 100 x 100 x 10 | 15 |

Welded Mesh

TYPE 304 & 316

| Size (in) | Weight per panel (Kg) |
|--------------------------------------|-----------------------|
| 96" x 48" x 1/2" x 1/2" x 16 swg | 6.5 |
| 96" x 48" x 3" x 1/2" x 10 swg | 16 |
| 96" x 48" x 3" x 1/2" x 12 swg | 11 |
| 96" x 48" x 1" x 1" x 10 swg | 13 |
| 96" x 48" x 1" x 1" x 12 swg | 9.5 |
| 96" x 48" x 1 1/2" x 1 1/2" x 10 swg | 9 |
| 96" x 48" x 2" x 2" x 10 swg | 7 |
| 96" x 48" x 2" x 2" x 12 swg | 5 |

Sheet

TYPE 316 (1.4404)

MIRROR POLISH FINISH

| Size (mm) | Weight per sheet (Kg) |
|-------------------|-----------------------|
| 2500 x 1250 x 0.9 | 23 |
| 2500 x 1250 x 1.2 | 30.7 |
| 2500 x 1250 x 1.5 | 38.4 |
| 2500 x 1250 x 2.0 | 51.2 |
| 2500 x 1250 x 2.5 | 63.9 |
| 2500 x 1250 x 3.0 | 77.5 |
| 2500 x 1250 x 5.0 | 125 |
| 2500 x 1250 x 6.0 | 150 |
| 2500 x 1250 x 8.0 | 200 |

| Size (mm) | Weight per sheet (Kg) |
|-------------------|-----------------------|
| 2500 x 1250 x 0.7 | 17.9 |
| 2500 x 1250 x 0.9 | 23 |
| 2500 x 1250 x 1.2 | 30.7 |

| Size (mm) | Weight per sheet (Kg) |
|-------------------|-----------------------|
| 2500 x 1250 x 0.9 | 23 |

| Size (mm) | Weight per sheet (Kg) |
|-------------------|-----------------------|
| 2000 x 1000 x 0.7 | 11.5 |
| 2500 x 1250 x 0.7 | 17.9 |
| 2000 x 1000 x 0.9 | 14.7 |
| 2500 x 1250 x 0.9 | 23 |
| 2000 x 1000 x 1 | 16.4 |
| 2500 x 1250 x 1 | 25.6 |
| 3000 x 1500 x 1 | 36.8 |
| 2000 x 1000 x 1.2 | 19.6 |
| 2500 x 1250 x 1.2 | 30.7 |
| 3000 x 1500 x 1.2 | 44.2 |
| 2000 x 1000 x 1.5 | 24.6 |

| Size (mm) | Weight per sheet (Kg) |
|-------------------|-----------------------|
| 2500 x 1250 x 1.5 | 38.4 |
| 3000 x 1500 x 1.5 | 55.3 |
| 2000 x 1000 x 2 | 32.7 |
| 2500 x 1250 x 2 | 51.2 |
| 3000 x 1500 x 2 | 73.7 |
| 2000 x 1000 x 2.5 | 40.9 |
| 2500 x 1250 x 2.5 | 63.9 |
| 3000 x 1500 x 2.5 | 92.1 |
| 2000 x 1000 x 3 | 49.6 |
| 2500 x 1250 x 3 | 77.5 |
| 3000 x 1500 x 3 | 112 |

| Size (mm) | Weight per sheet (Kg) |
|-------------------|-----------------------|
| 2500 x 1250 x 1.2 | 30.7 |
| 3000 x 1500 x 1.2 | 44.2 |
| 2500 x 1250 x 1.5 | 38.4 |
| 3000 x 1500 x 1.5 | 55.3 |

| Size (mm) | Weight per sheet (Kg) |
|-----------------|-----------------------|
| 2500 x 1250 x 2 | 51.2 |
| 3000 x 1500 x 2 | 73.7 |
| 2500 x 1250 x 3 | 77.5 |
| 3000 x 1500 x 3 | 112 |

| Size (mm) | Weight per sheet (Kg) |
|-------------------|-----------------------|
| 2000 x 1000 x 0.7 | 11.5 |
| 2500 x 1250 x 0.7 | 17.9 |
| 2000 x 1000 x 0.9 | 14.7 |
| 2500 x 1250 x 0.9 | 23 |
| 2000 x 1000 x 1 | 16.4 |

| Size (mm) | Weight per sheet (Kg) |
|-------------------|-----------------------|
| 2500 x 1250 x 1 | 25.6 |
| 2000 x 1000 x 1.2 | 19.6 |
| 2500 x 1250 x 1.2 | 30.7 |
| 2000 x 1000 x 1.5 | 24.6 |
| 2500 x 1250 x 1.5 | 38.4 |

Sheet

TYPE 304 (1.4301)
MIRROR POLISH FINISH

Sheet

TYPE 304 (1.4301)
CIRCLE POLISH FINISH

Sheet

TYPE 304 (1.4301)
POLISHED 240 GRIT
WHITE POLYCOAT

Sheet

TYPE 316 (1.4401)
POLISHED 240 GRIT
WHITE POLYCOAT

Sheet

TYPE 430 (1.4016)
POLISHED 240 GRIT
BLACK POLYCOAT

Sheet

TYPE 304 (1.4301)

2B FINISH

| Size (mm) | Weight per sheet (Kg) |
|-------------------|-----------------------|
| 2000 x 1000 x 0.5 | 8.2 |
| 2500 x 1250 x 0.5 | 12.8 |
| 2000 x 1000 x 0.7 | 11.5 |
| 2500 x 1250 x 0.7 | 17.9 |
| 2000 x 1000 x 0.8 | 13.1 |
| 2500 x 1250 x 0.8 | 20.5 |
| 2000 x 1000 x 0.9 | 14.7 |
| 2500 x 1250 x 0.9 | 23 |
| 3000 x 1500 x 0.9 | 33.2 |
| 2000 x 1000 x 1 | 16.4 |
| 2500 x 1250 x 1 | 25.6 |
| 3000 x 1500 x 1 | 36.8 |
| 2000 x 1000 x 1.2 | 19.6 |
| 2500 x 1250 x 1.2 | 30.7 |

| Size (mm) | Weight per sheet (Kg) |
|-------------------|-----------------------|
| 3000 x 1500 x 1.2 | 44.2 |
| 2000 x 1000 x 1.5 | 24.6 |
| 2500 x 1250 x 1.5 | 38.4 |
| 3000 x 1500 x 1.5 | 55.3 |
| 2000 x 1000 x 2 | 32.7 |
| 2500 x 1250 x 2 | 51.2 |
| 3000 x 1500 x 2 | 73.7 |
| 2000 x 1000 x 2.5 | 40.9 |
| 2500 x 1250 x 2.5 | 63.9 |
| 3000 x 1500 x 2.5 | 92.1 |
| 2000 x 1000 x 3 | 49.6 |
| 2500 x 1250 x 3 | 77.5 |
| 3000 x 1500 x 3 | 112 |

Sheet

TYPE 304 (1.4301)

2R (BA) FINISH

| Size (mm) | Weight per sheet (Kg) |
|-------------------|-----------------------|
| 2000 x 1000 x 0.5 | 8.2 |
| 2500 x 1250 x 0.5 | 12.8 |
| 2000 x 1000 x 0.7 | 11.5 |
| 2500 x 1250 x 0.7 | 17.9 |
| 2500 x 1250 x 0.8 | 20.5 |
| 2000 x 1000 x 0.9 | 14.7 |
| 2500 x 1250 x 0.9 | 23 |
| 2000 x 1000 x 1 | 16.4 |

| Size (mm) | Weight per sheet (Kg) |
|-------------------|-----------------------|
| 2500 x 1250 x 1 | 25.6 |
| 2000 x 1000 x 1.2 | 19.6 |
| 2500 x 1250 x 1.2 | 30.7 |
| 2000 x 1000 x 1.5 | 24.6 |
| 2500 x 1250 x 1.5 | 38.4 |
| 2000 x 1000 x 2 | 32.7 |
| 2500 x 1250 x 2 | 51.2 |

Sheet

TYPE 316 (1.4401)

2B FINISH

| Size (mm) | Weight per sheet (Kg) |
|-------------------|-----------------------|
| 2000 x 1000 x 0.7 | 11.5 |
| 2500 x 1250 x 0.7 | 17.9 |
| 2000 x 1000 x 0.9 | 14.7 |
| 2500 x 1250 x 0.9 | 23 |
| 2500 x 1250 x 1 | 25.6 |
| 2000 x 1000 x 1.2 | 19.6 |
| 2500 x 1250 x 1.2 | 30.7 |
| 3000 x 1500 x 1.2 | 44.2 |
| 2000 x 1000 x 1.5 | 24.6 |
| 2500 x 1250 x 1.5 | 38.4 |

| Size (mm) | Weight per sheet (Kg) |
|-------------------|-----------------------|
| 3000 x 1500 x 1.5 | 55.3 |
| 2000 x 1000 x 2 | 32.7 |
| 2500 x 1250 x 2 | 51.2 |
| 3000 x 1500 x 2 | 73.7 |
| 2000 x 1000 x 2.5 | 40.9 |
| 2500 x 1250 x 2.5 | 63.9 |
| 3000 x 1500 x 2.5 | 92.1 |
| 2000 x 1000 x 3 | 49.6 |
| 2500 x 1250 x 3 | 77.5 |
| 3000 x 1500 x 3 | 112 |

| Size (mm) | Weight per sheet (Kg) |
|-------------------|-----------------------|
| 2000 x 1000 x 0.5 | 8.2 |
| 2500 x 1250 x 0.5 | 12.8 |
| 2000 x 1000 x 0.7 | 11.5 |
| 2500 x 1250 x 0.7 | 17.9 |
| 2500 x 1250 x 0.8 | 20.5 |
| 2000 x 1000 x 0.9 | 14.7 |
| 2500 x 1250 x 0.9 | 23 |
| 2000 x 1000 x 1 | 16.4 |

| Size (mm) | Weight per sheet (Kg) |
|-------------------|-----------------------|
| 2500 x 1250 x 1 | 25.6 |
| 2000 x 1000 x 1.2 | 19.6 |
| 2500 x 1250 x 1.2 | 30.7 |
| 2000 x 1000 x 1.5 | 24.6 |
| 2500 x 1250 x 1.5 | 38.4 |
| 2000 x 1000 x 2 | 32.7 |
| 2500 x 1250 x 2 | 51.2 |

| Size (mm) | Weight per plate (Kg) |
|-----------------|-----------------------|
| 2000 x 1000 x 2 | 33.2 |
| 2500 x 1250 x 2 | 51.8 |
| 3000 x 1500 x 2 | 74.6 |
| 2000 x 1000 x 3 | 49.7 |
| 2500 x 1250 x 3 | 77.7 |
| 3000 x 1500 x 3 | 112 |
| 2000 x 1000 x 4 | 66.4 |
| 2500 x 1250 x 4 | 102 |
| 3000 x 1500 x 4 | 147 |

| Size (mm) | Weight per plate (Kg) |
|-----------------|-----------------------|
| 4000 x 2000 x 2 | 136 |
| 4000 x 2000 x 3 | 204 |
| 2500 x 1250 x 4 | 106 |
| 3000 x 1500 x 4 | 153 |
| 4000 x 2000 x 4 | 272 |
| 2500 x 1250 x 5 | 133 |

| Size (mm) | Weight per plate (Kg) |
|-----------------|-----------------------|
| 3000 x 1500 x 5 | 191 |
| 4000 x 2000 x 5 | 340 |
| 2500 x 1250 x 6 | 159 |
| 3000 x 1500 x 6 | 230 |
| 4000 x 2000 x 6 | 408 |

Sheet

TYPE 430 (1.4016)
2R (BA) FINISH

Plate / Sheet

1D FINISH
1.4003

Plate

COLD ROLLED DESCALED
ASTM A240, ASME
SA 240 TYPE 304L & 316L

Contact your **local** Blackburns today...

(see back cover for location and contact details)

Plate

1D FINISH

ASTM A240, ASME

SA240: 304, 304L, 316, 316L

EN10088-2: 1.4301, 1.4307

1.4401, 1.4404

| Size (mm) | Weight per plate (Kg) |
|-----------------|-----------------------|
| 2000 x 1000 x 3 | 51 |
| 2500 x 1250 x 3 | 79.7 |
| 3000 x 1500 x 3 | 115 |
| 2000 x 1000 x 4 | 68 |
| 2500 x 1250 x 4 | 106 |
| 3000 x 1500 x 4 | 153 |
| 2000 x 1000 x 5 | 85 |
| 2500 x 1250 x 5 | 133 |
| 3000 x 1500 x 5 | 191 |
| 4000 x 2000 x 5 | 340 |
| 2000 x 1000 x 6 | 102 |
| 2500 x 1250 x 6 | 159 |
| 3000 x 1500 x 6 | 230 |

| Size (mm) | Weight per plate (Kg) |
|------------------|-----------------------|
| 4000 x 2000 x 6 | 408 |
| 2500 x 1250 x 8 | 213 |
| 3000 x 1500 x 8 | 306 |
| 4000 x 2000 x 8 | 544 |
| 2500 x 1250 x 10 | 266 |
| 3000 x 1500 x 10 | 383 |
| 4000 x 1500 x 10 | 510 |
| 4000 x 2000 x 10 | 680 |
| 2500 x 1250 x 12 | 319 |
| 3000 x 1500 x 12 | 459 |
| 4000 x 1500 x 12 | 612 |
| 4000 x 2000 x 12 | 816 |

Quarto Plate

1D FINISH

ASTM A240, ASME

SA240: 304, 304L, 316, 316L

EN10088-2: 1.4301, 1.4307

1.4401, 1.4404

BS1501 PT3: 304S31, 304S11

316S31, 316S11

| Thickness (mm) | Unit Weight per sq metre (Kg) |
|----------------|-------------------------------|
| 5 | 42.5 |
| 6 | 51 |
| 8 | 68 |
| 10 | 85 |
| 12 | 102 |
| 15 | 128 |
| 16 | 136 |
| 20 | 170 |
| 22 | 187 |
| 25 | 213 |
| 30 | 255 |
| 32 | 272 |

| Thickness (mm) | Unit Weight per sq metre (Kg) |
|----------------|-------------------------------|
| 35 | 298 |
| 40 | 340 |
| 45 | 383 |
| 50 | 426 |
| 55 | 468 |
| 60 | 510 |
| 65 | 553 |
| 70 | 596 |
| 75 | 638 |
| 90 | 765 |
| 100 | 850 |
| 125 | 1063 |

Stainless Treadplate

PATTERN B

AISI 304, ASTM A793/96

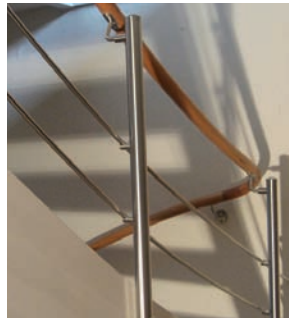
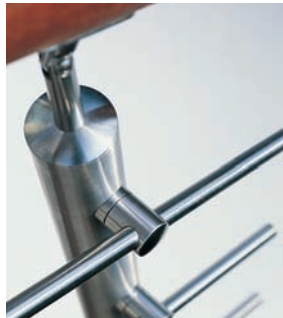
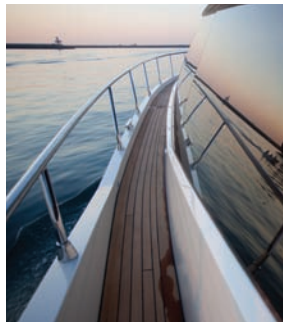
| Thickness on base (mm) | Unit Weight per plate (Kg) |
|------------------------|----------------------------|
| 3000 x 1000 x 3 | 78 |
| 3000 x 1250 x 4.5 | 143 |
| 3000 x 1250 x 6 | 180 |
| 3000 x 1250 x 8 | 210 |

Handrail System

CROSINOX - Stainless Steel Modular System...

Blackburns Metals has recently extended its stock of Stainless Steel architectural products to include the Crosinox range of Stainless Steel fixtures and fittings, including the complete range of handrail fittings.

The extensive Crosinox range is available in grades 304 and 316 with a 240 grit satin and mirror polish as standard. Full details including installation instructions are available from your local Blackburns or visit www.blackburnsmarine.com for further information.

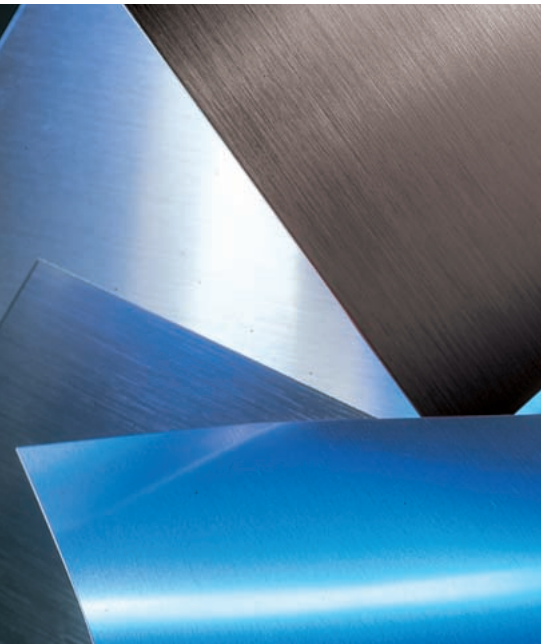


BCP Composite

Aluminium Composite Sheet has been used within the marine industry for many years, initially being very popular within the MOD to remove weight, whilst retaining rigidity and strength on wall cladding and bulkheads.

Aluminium Composites are made from Aluminium sheets bonded to a thermoplastic core. The Aluminium panels can be bonded with a variety of finishes including wood and marble effect.














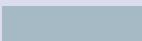













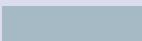













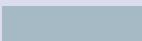
Providing there is sufficient quantity, almost any decorative surface finish is achievable. The only limitation is your imagination.



BLACKBURNS COMPOSITE PANEL

BCP Composite



| | | | | | | | | | | | | | | | |
|---|--|---|---|---|---|---|---|---|---|---|---|---|--|---|--|
| Aluminium features | Al-Mn alloy series 1100 Sheet thickness 0.3mm | | | | | | | | | | | | | | |
| Panel exterior surface | Gloss Polyester coating 20 microns Protective plastic film 50 microns | | | | | | | | | | | | | | |
| Panel interior surface | Matt | | | | | | | | | | | | | | |
| Standard size | 2440 x 1220 x 2mm 3050 x 1500 x 2mm 3050 x 1000 x 3mm 2440 x 1220 x 3mm 3050 x 1500 x 3mm 4050 x 1500 x 3mm 3050 x 1250 x 4mm 3050 x 1500 x 4mm 4050 x 1500 x 4mm | | | | | | | | | | | | | | |
| Not all sizes are listed. Please contact your local Blackburns Sales Office for more information. | | | | | | | | | | | | | | | |
| Standard colours in 3mm | | | | | | | | | | | | | | | |
| 2mm / 4mm thickness Available in White only | | | | | | | | | | | | | | | |
| | <table border="0"> <tr> <td> RAL 9016</td> <td> RAL 3020</td> </tr> <tr> <td> RAL 5022</td> <td> RAL 5002</td> </tr> <tr> <td> RAL 6005</td> <td> RAL 6024</td> </tr> <tr> <td> RAL 9005</td> <td> RAL 9006</td> </tr> <tr> <td> RAL 1023</td> <td> RAL 1015</td> </tr> <tr> <td> Bronze Metallic</td> <td> Mirror Polished Gold</td> </tr> <tr> <td> Brushed Aluminium</td> <td> Mirror Polished Silver</td> </tr> </table> |  RAL 9016 |  RAL 3020 |  RAL 5022 |  RAL 5002 |  RAL 6005 |  RAL 6024 |  RAL 9005 |  RAL 9006 |  RAL 1023 |  RAL 1015 |  Bronze Metallic |  Mirror Polished Gold |  Brushed Aluminium |  Mirror Polished Silver |
|  RAL 9016 |  RAL 3020 | | | | | | | | | | | | | | |
|  RAL 5022 |  RAL 5002 | | | | | | | | | | | | | | |
|  RAL 6005 |  RAL 6024 | | | | | | | | | | | | | | |
|  RAL 9005 |  RAL 9006 | | | | | | | | | | | | | | |
|  RAL 1023 |  RAL 1015 | | | | | | | | | | | | | | |
|  Bronze Metallic |  Mirror Polished Gold | | | | | | | | | | | | | | |
|  Brushed Aluminium |  Mirror Polished Silver | | | | | | | | | | | | | | |

Customer specials require a minimum run of 600m²

| BCP (POLYESTER COATING) PANEL SPECIFICATIONS | |
|--|--|
| PANEL DIMENSIONS | |
| Panel Thickness | 2mm / 3mm / 4mm |
| Aluminium Thickness | 0.3mm |
| Sheet Weight | 3.17m ² .k / 4.27m ² .k / 5.10m ² .k |
| DIMENSIONAL TOLERANCES | |
| Thickness | ±0.1mm |
| Width | -1mm ~ +2mm |
| Length | -1mm ~ +3mm |
| Diagonal | ≤3mm |
| Thermal Expansion | ≤4.00 x 10 ⁻⁵ / °C |
| Aluminium Thickness | ±0.02mm |
| SURFACE PROPERTIES | |
| Paint Thickness (micron) | ≥20 |
| Pencil Hardness | ≥HB |
| Toughness of coating | ≤HB |
| Impact Strength | 50kg . cm ² , Excellent, without crack |
| Boiling Water Resistance | Boiling for ≥2hrs in 99°C±1 without change |
| Acid Resistance | No Change (Immerse in 2% HCl 24hrs) |
| Alkali Resistance | No Change (Immerse in 2% NaOH 24hrs) |
| Solvent Resistance | No Change (Cleaned x100, with Xylene by 1kgf) |
| Cleaning Resistance | No Change (Immerse in 20# Engine Oil 24hrs) |
| Peel Strength 180° | ≥5.8 N/mm |
| Temperature Resistance | 50 to 90°C |
| PRODUCT PROPERTIES (2mm / 3mm / 4mm) | |
| Sound Absorption NRC | 0.05 |
| Sound Attenuation Rw db | 27 / 28 / 29 |
| Water Absorption % by Vol. | 0.01 |
| Thermal Performance | Thermal Deforming ≥105°C - ASTM D 648-01 Thermal Resistance 0.033 (m ² .k) / W Thermal Conduction Coefficient 5.31W / m ² .k |
| Core Composition | High Pressure LDPE Polyethylene |

Contact your **local** Blackburns today...

(see back cover for location and contact details)

Yellow Metals

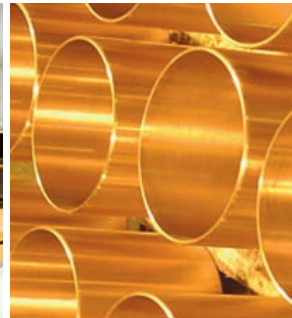
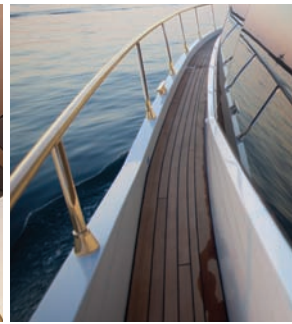
Brass, Bronze and Copper...

Although Blackburns are synonymous with Aluminium and Stainless Steel we have a long tradition of supplying yellow metals including Brass and Copper to a wide range of market sectors.

We have access to one of the largest stocks of Brass and Copper within the UK and as with all our products, offer innovative solutions to specific product requirements.

For further information and details of our full stock range and available sizes visit www.blackburnsmarine.com

Brass Rod - Brass Hexagon - Brass Angle, Square, Tube - Brass Flat Bar - Brass Sheet
Aluminium Bronze - Bronze Drawn Rod - Bronze Rod - Bronze Sheet
Copper Flat Bar - Copper Sheet - Copper Round Bar - Copper Tube





BLACKBURNS
METALS LIMITED

Aluminium, Stainless Steel and non-ferrous alloys...

Blackburns is one of Europe's leading suppliers of Aluminium, Stainless Steel and other semi finished non-ferrous products. Its name is synonymous with high quality and service levels throughout both industry and the manufacturing sectors with a reputation for innovative products and supply partnerships.

With a strategically placed network of Sales and Service Centres, Blackburns provides immediate stock availability and local service to a wide range of industry and market sectors, with what is probably the most comprehensive product range and processing facilities in the UK. Local stock is enhanced by a central facility which carries over 10,000 tonnes of material in over 200,000 square feet, all of which is available on a daily basis to each Service Centre throughout the UK.

Focused on customer requirements, a significant investment has been made in processing and fabricating facilities, allowing Blackburns to supply material closer to final form, providing the option of bespoke sizes and finishes previously unavailable, creating a real opportunity of a 'one stop shop'.

Blackburns remains responsive to the constant fluctuation in demand faced by its customers, with the ability to supply most parts of the UK within 24 hours and globally through its Export Department, Blackburns are committed to building long term cost saving relationships with its customers.

Contact your **local** Blackburns today...

(see back cover for location and contact details)

Blackburns Products & Services

ALUMINIUM

- Sheet
- Patterned Sheet
- Plate
- Coils & Blanks
- Circles
- Shate
- Special Extrusions
- Angles
- Tee & Zed Sections
- Channels
- Flat Bar
- Round Bar
- Square Bar
- Welding Wire
- Round Tube
- Rectangular Tube
- Gutters & Cope
- Fluted Edges & Nosings
- Wallboard Sections

STAINLESS STEEL

- Sheet
- Treadplate
- Plate
- Coil
- Section
- Pipe
- Circle Polished
- Flanges
- Seamless Tube
- Hygienic Tube & Fittings
- High Purity Tube & Fittings
- Screwed Fittings
- Socket Weld Fittings
- Structural & Decorative Tube

BRASS

- Rod
- Hexagon
- Angle
- Square
- Tube
- Plate
- Flat Bar
- Sheet

BRONZE

- Drawn Rod
- Rod
- Hexagon
- Hollow Bar
- Plate
- Sheet

COPPER

- Tube
- Flat Bar
- Sheet
- Plate
- Round Bar

COIL PROCESSING

- Aluminium Slit Coil
- Stainless Steel Slit Coil
- Aluminium Precision Blanks
- Stainless Steel Precision Blanks

PLATE

- Aluminium Plate 5083
- Aluminium Plate 6082
- Alumec 79-89-99
- MIC-6

ARCHITECTURAL PRODUCTS / SURFACE DESIGN

- Composite Panels
- Anodised Sheet
- Patterned Sheet
- Handrail System

FABRICATION PROCESSING

- Plastic Coating
- Guillotining
- Bench Tooling
- Bending
- Slitting
- Shearing
- Sawing
- Tapping & Drilling
- Blanking
- Mitring
- Punching
- Pressing

SIGNS & SIGN COMPONENTS

- Achromed & Painted Sheet
- Aluminium Circles
- Aluminium Triangles
- Aluminium Rails
- Aluminium Tee Sections
- Aluminium Round Posts
- Aluminium Square Posts
- Steel Round Posts
- Steel Square Posts
- Plastisol Coated Sheet
- Planking Systems
- Trays
- Clip Sections
- Composite Panels
- Stainless Steel Banding Systems

MARINE PRODUCTS

- Marine Aluminium
- Marine Stainless Steel
- BCP Composite
- Yellow Metals



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plymouth@blackburnsmetals.com

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marine@blackburnsmetals.com

