

# Inventory



## PROFILES<sup>®</sup>

Profiling & Processing Since 1976

We supply our clients with high quality profiles even in the most demanding of circumstances.

We supply our clients with high quality profiles even in the most demanding of circumstances. P.P. Profiles have excellent supply networks of all grades of steel, both mild steels and stainless steels, that allow us to process between 1000 – 1500 tonnes of steel per month without compromising delivery commitments. Our stock is of the highest quality, meeting industry standards at all times, with our exclusivity deals with major European partners, our customers have access to the most extensive stock

range available in Europe on stainless steel stocks up to 150mm thick. As one of the largest profiling and processing companies in the UK, we also have in our inventory extensive supplies of mild steel, boiler plate grades, abrasion steel and high yield steels. To complement this we also carry a wide range of stainless steels, duplex, super duplex, aluminium, 1.4003 and nickel alloys.

### Stainless Steel

Material Grade	EN
304	1.4301
304L	1.4307
304H	1.4948
310S / 310H	1.4845
316	1.4401
316L	1.4404
321	1.4541
321H	1.4878
347	1.4550
347H	1.4912
410	1.4006
410S	1.4000
430	1.4016
3CR12	1.4003

### Aluminium

Material Grade
5083
6082
1050
5251
Tooling Plate
5754 Tread Plate

### Nickel Alloys

Material Grade	UNS	EN
Alloy 400	N04400	2.436
Alloy 625	N06625 GR.1	2.4856
Alloy 28	N08028	1.4563
Alloy 800/800H	N08800/N08810	1.4876
Alloy 825	N08825	2.4858
C-276	N10276	2.4819
C-22	N06022	2.4602

### Duplex & Super Duplex

Material Grade	UNS	EN
Duplex S32205	UNS31803	1.4462
Super Duplex	UNS32750	1.4410
Super Duplex	UNS32760	1.4501

### High Alloy Austenitic

Material Grade	UNS	EN
904L	N08904	1.4539
6%Mo	S31254	1.4547

### Bronze

Material Grade
PB102

### Brass

Material Grade
CZ112
CZ108

### Copper

Material Grade
C101
C103
C106

### Pressure Vessel / Boiler Grade

BS1501	EN	ASTM / ASME
161-430 A/B	10028 - P265GH	A516-60
224-490 A/B	10028 - P355GH or P355NL1/2	A516-70

### Structural

BSEN10025	BS 4360:1996
S275JR+AR	43B
S275JO	43C
S275J2	
S355JR+AR	50B
S355JO	50C
S355J2+N	
S355K2+N	
Tread Plate	

EN 10111:1998	BS 1449:1991
DD11	HR3

EN 10130:1990	BS 1449:1991
DC01	CR4

COATED MATERIAL
Galvanised
Zintec

### Abrasion / Wear Resistant

SPECIFICATION	
400 Brinell	Various Brand Names - Enquire For Details
450 Brinell	Various Brand Names - Enquire For Details
500 Brinell	Various Brand Names - Enquire For Details

### Chrome Molybdenum

ASTM/ASME	EN
387 Grade 11	10028 - 16Mo3
387 Grade 22	10028 - 13CrMo45

### Medium Carbon

BS970 1991	BS970 1955	EN10083
080M40	EN8	C45

### Quenched & Tempered

EN10025
S690QL
S890QL

### Offshore

BSEN10225
S355G2+N to S355G10+N

### Weathering

EN10025	
S355J2W / S355JOW	Corten B
S355JOWP	Corten A