

| oplate Base Cut RH 305 x 1140mm | 10029 | 10/11-1600 | 0 |
|----------------------------------|-----------|------------|-----|
| o-Latch PII 360 x 1290mm | 10050 | 10/11-1600 | 0 |
| er Bar 25 x 30 x 3000mm | 10073 | Super Bar | 0 |
| er Bar Base 30 x 25 x 3327mm | 10025 | Super Bar | 0 |
| er Bar Top 25 x 30 x 1813mm | 10030 | Super Bar | 0 |
| er Bar Corner 30 x 25 x 1530mm | 10024 | Super Bar | 0 |
| er Bar Rear 30 x 25 x 3743mm | 10026 | Super Bar | 0 |
| DESCRIPTION | STOCKCODE | MATERIAL | REV |
| oplate Base Corner 305 x 1531mm | 10075 | 10/11-1600 | 0 |
| oplate Base 305 x 3327mm | 10016 | 10/11-1600 | 0 |
| oplate Top Corner 305 x 1814mm | 10013 | 6/9-1600 | 0 |
| oplate Top Wear PII 305 x 2998mm | 10014 | 6/9-1600 | 0 |
| oplate Base Cut 305 x 3327mm | 10027 | 10/11-1600 | 0 |
| oplate Base Cut LH 305 x 1140mm | 10028 | 10/11-1600 | 0 |
| oplate Base Cut RH 305 x 1140mm | 10029 | 10/11-1600 | 0 |
| o-Latch PII 360 x 1290mm | 10050 | 10/11-1600 | 0 |
| er Bar 25 x 30 x 3000mm | 10073 | Super Bar | 0 |
| er Bar Base 30 x 25 x 3327mm | 10025 | Super Bar | 0 |
| er Bar Top 25 x 30 x 1813mm | 10030 | Super Bar | 0 |
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| er Bar Rear 30 x 25 x 3743mm | 10026 | Super Bar | 0 |

**THE WORLD'S MOST
WEAR-RESISTANT FUSED-ALLOY STEEL PLATE**



ARCOPLATE

Mobile Plant Applications

www.alloysteel.net

USED ALL OVER THE WORLD




ALLOY STEEL
INTERNATIONAL



Arcoplate is a wear resistant fused alloy steel plate manufactured by Alloy Steel International. It is a smooth dense, chromium carbide rich overlay plate manufactured by a patented production process to maximise abrasion resistance and reduce hang up and carry back no matter what the operating conditions.

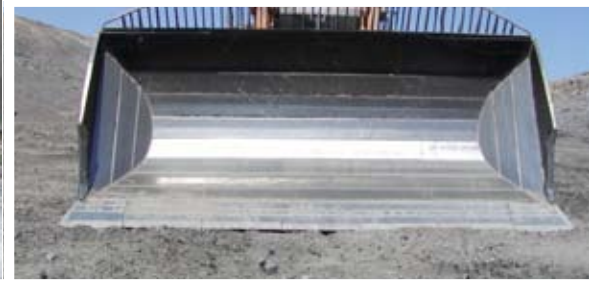
Arcoplate was developed as a reaction to the unpredictable wear rates associated with both quenched and tempered steel plate and the old technology used to manufacture traditional bulk weld overlay plates.

The costs associated with unscheduled maintenance or repair are obvious, but more importantly it is the hidden costs relating to productivity losses that need to be eliminated.

Inappropriate wear packages significantly affect mobile plant in a number of ways these included increased drag and friction, energy consumption, stress and transference of the wear problem onto other mechanical components and machine weight.

Alloy Steel International's full engineering and design service enables Arcoplate to be supplied as a complete wear and anti hang up/carry back kit fully designed to suit a specific application thereby dramatically reducing maintenance and production costs.





Facts and Benefits of Arcoplate

Alloy Steel International are the manufacturers of *ARCOPLATE*, the world's most wear resistant fused alloy steel plate.

ARCOPLATE is a hardfaced wear plate that gives the following benefits:

MANUFACTURING PROCESS IS FULLY COMPUTERISED:

Uniform hardness (58 – 62Rc)

Uniform microstructure down to the fusion line enabling predictable wear rates.

SMOOTH FINISH:

No weld beads to interrupt material flow thereby eliminating turbulence and accelerated abrasion

NON DIRECTIONAL WEAR PLATE:

Can be fitted without consideration to the direction of the material flow.

ARCOPLATE CAN BE SUPPLIED PRE-POLISHED:

Eliminates hang up / carry back on mobile equipment or fixed plant.

SINGLE PASS ALLOY DEPOSITION (4MM TO 20MM):

No under bead cracking and spalling as experienced with multi pass layers.

THICKNESS RANGE:

Alloy Depth: 4, 6, 8, 10, 12, 16, 18, 20 mm

Base Metal Depth: 7, 9, 11mm

STRESSED RELIEVED DURING MANUFACTURE:

Very low residual stresses and able to take severe impact and bending.

PERFORMANCE:

Laboratory and field tests show that millimetre for millimetre *ARCOPLATE* will outlast quenched & tempered wear plate by a factor of up to 5 to 1 and conventional welded overlay plate by 2 to 1.

