

Abrasion Resistant Steel Plate



Brown McFarlane
Global Steel Solutions



Applications:

- Articulated dump trucks
- Buckets
- Bulldozer blades
- Cascades
- Cutting edges
- Hoppers/chutes
- Line pans
- Quarry screens & crushers
- Quarry trucks
- Tipper bodies
- Waste compaction equipment

What it offers:

- 400/450/500 Brinell available
- Cut to optimum size
- Fully accredited systems to ISO 9001, 14001, 18001 and EN1090 Execution Class 4
- Low carbon equivalent values
- Wide area plate up to 12m x 3m
- Delivered worldwide by our international logistics organisation

What we offer:

Brown McFarlane offers the widest range of carbon and stainless steel plate, available ex-stock.

Specifications & Grades:

- Quard 400/ BHN 400 (HBW = 370-430)
- Quard 450/ BHN 450 (HBW = 420-480)
- Quard 500/ BHN 500 (HBW = 470-530)

Flatness, Tolerances & Surface Properties:

Flatness

- EN10029: Class N (Standard) & Class S

Thickness Tolerance

- EN10029 Class A
- Tighter tolerances upon request

Shape, Length & Width Tolerances

- Meets EN10029

Surface Properties

- EN10163-2 Class B3

Delivery Conditions:

Stock is mainly held in an unpainted condition, but can be mill supplied in a shot blasted and primed condition if required. A low zinc silicate primer is used to maintain good weldability and laser cutting performance.

Quard[®]

ABRASION RESISTANT STEEL

Available sizes:

Quard 400/450	3.2-64 mm
Quard 500	6-40 mm
Typical Plate Size	3000 x 1500 6000 x 2000/2500 8000/12000 x 2000/2500/3000

Other products & greater thickness are available from stock – please contact us with any requirement.



Quality:

Ultrasonic testing (UT) is applied to secure the Quard plate from discontinuities like inclusions, cracks or porosity. In thickness from 8mm and up, all plates are UT tested and controlled against class S2, E2, according to EN10160.

With the support of our supplying mills, other technical information can be made available upon request, using the below contact details.



Brown McFarlane
Global Steel Solutions



Quality steel plate suppliers to the world

Brown McFarlane International

BROWN McFARLANE INTERNATIONAL SALES

T. +44 (0) 1782 210 545
E. internationalsales@brownmac.com
United Kingdom

BROWN McFARLANE EUROPE

T. +32 3808 1377
E. antwerpsales@brownmac.com
Belgium

BROWN McFARLANE BRAZIL

T. +55 11 3958 8070
E. brazil@brownmac.com
Brazil

Brown McFarlane UK & Eire

BROWN McFARLANE GLASGOW (SCOTLAND & EIRE)

T. +44 (0) 141 551 9191
E. glasgowsales@brownmac.co.uk
United Kingdom

BROWN McFARLANE STOKE (ENGLAND & WALES)

T. +44 (0) 1782 289 909
E. stokesales@brownmac.co.uk
United Kingdom

Brown McFarlane Stainless & Duplex Steels

T. +44 (0) 1922 748 710
E. stainless@brownmac.com
United Kingdom

www.brownmac.com

