



Wear Plate for Applications involving Severe Abrasion and Erosion at Elevated Temperatures upto 450 °C

Identification:

- QC No. printed on the standard plate.

Wear Plate Dimensions & Weld bead Pattern:

- Standard base plate size (mm): 3000 x 1500
- Size of the Cladded portion (mm): 2740 x 1220
- Thickness (Base Plate + Weld Deposit):
6+4, 8+5, 10+5, 15+5, 20+5, 25+5 and other sizes as per requirement.
- Weld bead pattern: Straight or E-wave.

Features :

- High percentage of finer niobium carbides.
- Uniform distribution of high hardness carbides for maximum wear protection.
- Resists severe abrasion and erosion up to 450°C.
- Superior abrasive wear properties compared to conventional Cr-C wear plates.

Hardness: 58-64 HRc

Surface finish:

Stress-relief cracks are present, generally perpendicular to welding direction.

Typical Applications:

Components subjected to high abrasion and erosion and moderate impact up to 450°C. Impeller blades, Casings, Sinter screen, Sinter ducts, Wear protection covers, Liners, Fan blades, Louvers, etc.

Note: In addition to standard plates, specific shape and size of the plate can be cut, bend and fabricated as per the drawing / requirement.

EWAC Alloys Limited

Marketing & Head Office:

L&T Business Park, Tower - B, TC - II, 5th Floor, L&T Gate No. 5, Powai Campus, Saki Vihar Road, Powai, Mumbai - 400 072, INDIA.

Tel: 022 6705 9830 / 7 / 8, Fax: 022 6705 9876, Email: enquiry@ewacalloys.com, Web: www.ewacalloys.com, CIN: U74999MH1962PLC012315

Zonal Office: Vadodara: 0265 6613 607 / 8, Chennai: 044 4070 6896, Chhattisgarh: 0771 4283 206 / 9, Hyderabad: 040 2323 0689, Delhi: 011 4141 9538 / 40, Kolkata: 033 2282 0227, Pune: 020 6603 3211