



## Wear Plate with Superior Abrasive Wear Resistance

### Identification:

- QC No. printed on the standard plate.

### Wear Plate Dimension and 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

**Hardness:** 58 - 62 HRC

### Microstructure:

- Uniform distribution of primary and secondary Chrome-carbides in tough eutectic matrix.
- The ultra-hard carbides embedded in tough matrix helps in providing good abrasive wear resistance and moderate impact resistance.

### Surface finish:

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

### Abrasive Wear Resistance:

- Superior wear resistance than standard mild steel plates and conventional Cr-C plates.

### Typical Applications:

- Transfer chutes, Hoppers, Bins, Pipe chutes, Housings, Casings, Louvers, Cyclones, Micro-feeders etc.

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

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## EWAC Alloys Limited

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