

SSWP 500 is a heat-treated smooth surface wear plate for high abrasion resistance applications in mining, steel, cement and construction industries. Can be easily welded, cut and formed for accurate fabrication. Through- hardness of the plate provides longer service life.

Unique Features :

- Excellent resistance to sliding abrasion
- Excellent resistance to impact
- Through-hardened
- Good weldability and fabrication
- Excellent response to Oxy, Plasma and Laser cutting and machining.
- Superior flatness
- Smooth surface finish

Typical Properties :

Hardness: 500 BHN

Microstructure: Tempered Martensitic structure found throughout the section.

Welding :

EWAC SSWP 500 exhibits excellent weldability. It is recommended that the plate should be preheated and no post heating is required. Avoid exposure to high service temperature in excess of 250 °C.

Fabrication :

EWAC can supply the fabricated sections as per drawings / requirements.

Applications :

SSWP 500 is suited for applications involving high impact and moderate abrasion. Applications include Chute Liners, Truck Beds, Dipper Liners, Shovels, Bucket Liners, Scrapers, Screens, Crusher Parts, Conveyors, Hoppers, Chute liners, Bin and hopper liners, Construction and mining bucket liners, Mold board liners, Scrapper liners.

Other Grades :

SSWP 400 grade is also available with hardness 400 BHN.

EWAC Alloys Limited

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