



Bi-Metallic Wear Liners for Resistance against Friction, Corrosion, Abrasion & Impact

Description: EWAC Bimetallic wear plate is a combination of high chromium-high carbon alloy casting metallurgically bonded to a mild steel base plate. The wear surface is smooth and flat. Resistance to severe abrasion and high impact service conditions. Wear life is approximately 1.5 to 2 times that of weld cladded plates and 6 to 8 times that of QT Plates.

Typical Applications: Chutes, hoppers, bins, liners, impact walls, rock boxes etc.

Unique Features:

- Smooth surface
- No stress-relieving cracks
- Excellent resistance to both abrasion and impact
- Easy to install - Weld-on or bolt-on studs

Typical Properties :

- Hardness : 63 – 66 HRC
- Microhardness: Matrix: 600 – 670 HV_{0.05}; Carbide Phase: 1100 – 1600 HV_{0.05}
- Dry sand abrasive wear factor: 65

Microstructure: Uniform distribution of chromium carbides throughout wear surface



EWAC Alloys Limited

Marketing & Head Office:

AFL House, Lok Bharti Complex, 5th Floor (West Side), Marol – Maroshi Road, Andheri East, Mumbai – 400059.
E-mail : enquiry@ewacalloys.com Web : www.ewacalloys.com CIN-U74999MH1962PLC012315