

## 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

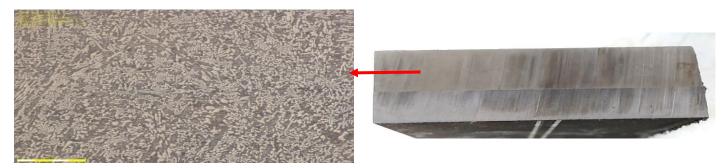
## **Typical Properties:**

• Hardness: 63 – 66 HRc

Microhardness: Matrix: 600 – 670 HV<sub>0.05</sub>; Carbide Phase: 1100 – 1600 HV<sub>0.05</sub>

• Dry sand abrasive wear factor: 65

Microstructure: Uniform distribution of chromium carbides throughout wear surface



## **EWAC Alloys Limited**

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