

CHROMOTUFF

A BRAND OF LEOMET ALLOYS

(Composite Wear Plate)

A “Versatile” chromium carbide composite wear plate with excellent resistance to abrasion. It can be used on parts subjected to high abrasion accompanied by moderate impact & corrosion is expected. The weld overlay contains a high proportion of hard chromium carbides & eutectic carbides in a tough austenitic matrix.

Applications

- Discharge Chutes & Hoppers
- Mixer Blades
- Classifier Blades
- Fan Blades
- Screw Conveyors

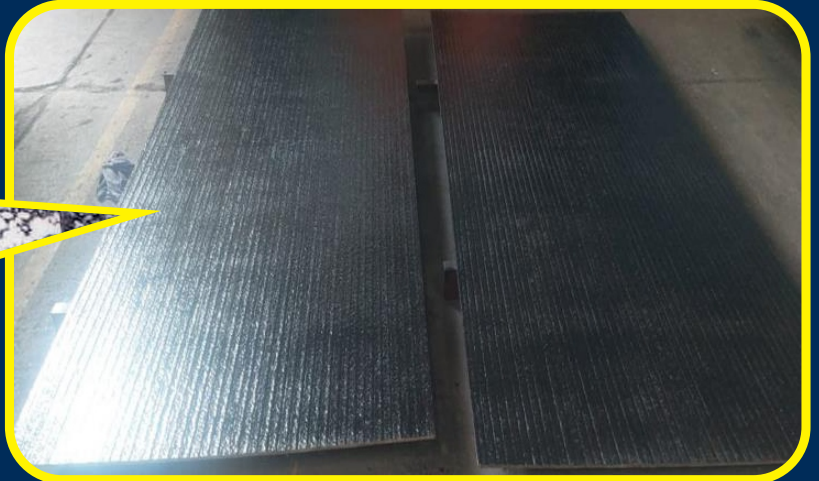
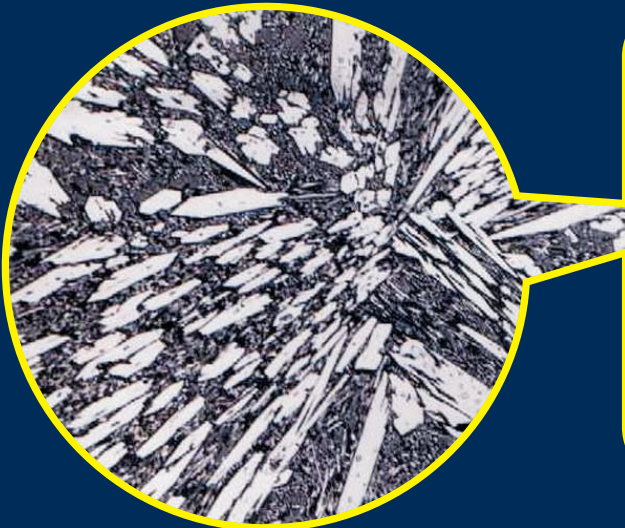
Hardness

Overlay Thickness	Hardness in RC
4.0 mm	57-60 RC
8.0 mm	59-63 RC

Major alloying elements

C	Si	Mn	Cr	FE
3.5 - 6.0	0.5 - 2.0	0.5 -2.0	22 - 30	Bal

Typical image analysis report



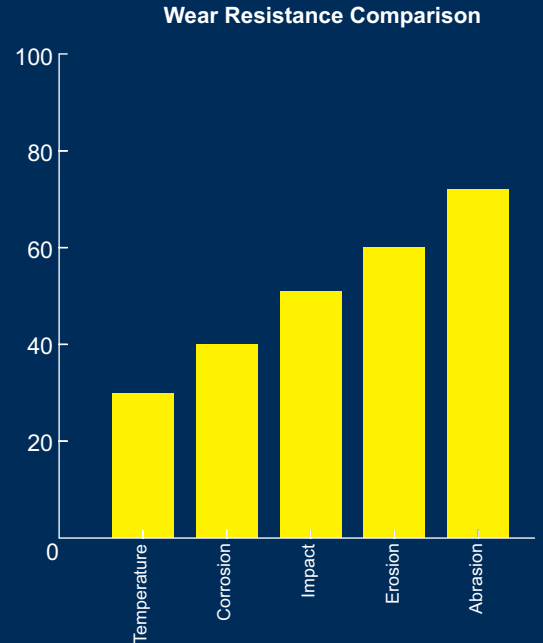
Remarks: Micro-structure shows the Primary Chromium Carbides & Eutectic Carbides with Austenite & Martensite

Carbide	%
Primary Carbides (Chromium Carbides)	40-44
Eutectic Carbide	2-26
Martensite	10-14
Austenite	20-25

Available in 3+3, 6+4, 8+4, 8+5, 10+5, 16+4, 10+10, thickness and so on.

Standard Size: 1300 x 3000 mm, 1420 x 3000 mm

CHROMOTUFF WEAR PLATES ARE MANUFACTURED WITH GERMAN TECHNOLOGY AND IS A BRAND OF LEOMET ALLOYS.



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