

X'TRALIFE WEAR PLATE

XL-61



A Rich complex chromium carbide alloy deposit with addition of Niobium & Tungsten carbide deposit suitable for erosion resistant applications.

1. SALIENT FEATURES

- a) Lowest Dilution
- b) Uniform hardness throughout deposit.
- c) Carbides present throughout the hardlayer
- d) up to 55 -60% primary carbides & 20-30 % secondary carbides
- e) Contains niobium carbides.

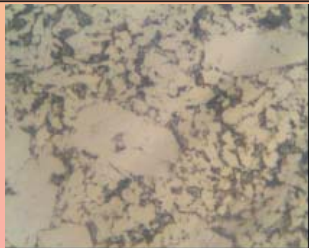
2. AVAILABLE SIZES

1400 X 3000 mm, 1250 x 2750 mm

3. THICKNESS

5+3, 6+4,8+4,10+4,10+5,8+6 etc

4. MICROSTRUCTURE



SURFACE PHOTO



CUSTOMER ADVANTAGES

- a) Highest Wearresistance
- b) Uniform wearresistance for every mm of wear.
- c) Rich microstructure leads to better erosion resistance
- d) Adds to impact resistance also.

5. PHYSICAL PROPERTIES

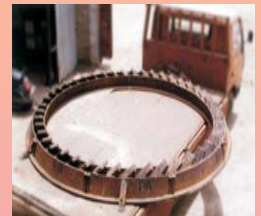
- a) Hardness - 60-64 Rc
- b) % of Primary Carbides - 55-60%
- c) % of Secondary Carbides - 20-30%
- d) % of boroide - 8-10%
- d) Temp. - 700° C
- e) Alloy Basis- C,Cr,Mo,Nb, Mn, Si,W

6. APPLICATIONS

- a) Louver Ring
- b) Armour ring
- c) slag mill classifier blades.
- d) Classifier Guide Vanes.

ABRASION TEST RESULT

Material	Weight Loss (g)
M.S	4.000
Wear Plate	0.09



Wear doctors to core sector industry