

X'TRALIFE WEAR PLATE

XL-65



A Rich complex chromium carbide alloy deposit with addition of Niobium & Tungsten carbide Moly and vanadium carbides deposit suitable for high stress abrasion and erosion resistant applications and also suitable for high temp. 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

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 and high stress abrasion resistance.
- d) Adds to impact resistance also.

5. PHYSICAL PROPERTIES

- a) Hardness - 63-66 Rc
- b) % of Primary Carbides - 60-65%
- c) % of Secondary Carbides - 20-30%
- d) % of boroide - 8-10%
- d) Temp. - 800° C
- e) Alloy Basis- C,Cr,Mo,Nb, Mn, Si,W, V

6. APPLICATIONS

- a) Burner Pipe
- b) Coal Burner Tip
- c) T.A duct with base SS310

ABRASION TEST RESULT

Material	Weight Loss (g)
M.S	4.000
Wear Plate	0.08



Wear doctors to core sector industry