

X'TRALIFE WEAR PLATE

XL-55 MN



Specially developed to combat abrasion from coal, cement or other abrasive minerals in dusty environments up to 3kg per kg of air & velocity of 30 m/s for low to medium angle particle impact.

1. SALIENT FEATURES

- a) Lowest Dilution
- b) Uniform hardness throughout deposit.
- c) Carbides present throughout the hardlayer
- d) Chromium carbides in matrix of eutectic carbides & austenite.

2. AVAILABLE SIZES

1400 X 3000 mm, 1250 x 2750 mm

3. THICKNESS

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) suitable for erosion resistance in vertical mills.
- d) Suitable for high abrasion & low impact.

5. PHYSICAL PROPERTIES

- a) Hardness - 60-65 Rc
- b) Alloy Basis- Cr,C,Mn,V,Mo,W
- c) % of Primary Carbides - 45-50%
- d) % of Secondary Carbides - 20-30%
- e) % of Boride - 8-10%
- f) Temp -650° C

6. APPLICATIONS

- a) Separator Parts in Raw Mill, Coal Mill & Cement Mill
- b) Fan Blades, Chutes etc.

ABRASION TEST RESULT

Material	Weight Loss (g)
M.S	4.000
Wear Plate	0.1008



Wear doctors to core sector industry