

Coating: Iron Chrome Boron

Lase Ironclad is a self-fluxing material producing a dense fully welded extremely fine grained overlay which is reasonably resistant to corrosion and exhibits extremely good wear resistance. Because of its excellent mechanical properties, good corrosion resistance and low cost it is an ideal replacement for hard chromium.

Typical applications include:

- Valve balls and seats
- Process rolls
- Boiler components
- Waste incineration boiler parts
- Hydraulic rods
- Down hole stabilisers

Coating Properties

Hardness

900 - 1100 Hv

Porosity:

< .1%

Typical application rate

50 gm/min

Coverage

9kg/m²/mm



Process Considerations

No pre-heat required. Simple to apply and produce very dense crack free coatings.