



LOTHERME



LoTherme WP - 625

Wear plate for severe impact under heavy load

Characteristics And Applications :

These have been developed to provide superlative Wearresistance on ferrous parts subject to high abrasion or erosion. Application includes Mill guards, Chutes, Scrappers, Clinker components, Mixer liners.

The Technical Details are as Under :

ALLOY BASIS	: C, Mn, Si, Cr, Nb Ti
HARDNESS	: As deposited 25 - 30 RC Work hardened 48 - 52 RC
TEMPERATURE RESISTANCE	: 200°C
APPLICATION	: ON HIGH IMPACT AREAS

The Salient Features :

- 1) The construction is with Niobium and Titanium carbides in austenitic grain boundaries. It is therefore suitable for high impact and will also take abrasion due to these carbides.
- 2) The austenite changes to martensite on impact and therefore the wear resistance improves with impact. The hardness goes up from **25 RC** to about **50 RC** on Impact.

Standard Available Sizes :

THICKNESS RANGES	: 4+2, 5+3, 6+3, 6+4, 6+6, 8+3, 8+4, 8+5, 8+6, 8+7, 8+8, 10+3, 10+4, 10+5,..... in mm As per requirements
PLATE SIZES	: 3000 x 1000, 2200 x 1000 mm : (2200 x 2200 - available on request for thickness above 16 mm)

Identification Mark :

Name printed on the plates & punched on the base plates.