



ZEDALLOY VB

CLASSIFICATIONS

COATING TYPE: Basic
 COATING FACTOR: Heavy IDENTIFICATION: Brand Printed

CURRENT CONDITIONS: AC, DC (+)

5.0	4.0	3.2
180-	140-	100-
220	180	140

CHARACTERISTICS

The weld metal deposited is alloyed Cast Iron which is hard and extremely resistant to abrasion and metal-to-metal wear. The weld metal is designed to be specially resistant to scratching abrasion and to occasional grinding abrasion such as caused by hard stone particles on Oil-expeller worms. The built-up surface does not deteriorate through furrowing, local plastic flow and micro cracking. All sizes strike and re-strike easily.

WELDING POSITIONS

F

REDRYING CONDITIONS

300°C for 1 hour

TYPICAL APPLICATIONS

For reclamations of Oil expeller worms, Concrete mixer blades, Scrapper blades, Screw conveyors, Cement die rings, Muller tyres, Plough Shares, Dippers, Excavator teeth etc.

TYPICAL PROPERTIES OF WELD METAL				
Weld Metal Hardness 3 Layer Deposit	Machinability	Abrasion Resistance	Impact Resistance	Corrosion Resistance
As Welded 600 BHN	Non Machinable	Excellent	Moderate	Average
Work Hardened N. A.				

WELD METAL CHEMISTRY, wt%			
C - 2.20-2.80	S - 0.03 max.		
Mn - 0.80-1.25	P - 0.03 max.		
Si - 2.5-3.5	Cr - 3.0-4.0		

PACKING DATA			
Dia., mm	5.0	4.0	3.2
Length, mm	450	450	450
Wt. per carton, kgs	5.25	5.25	5.25
Cartons/ box	4	4	4
Wt. per box, kgs	21	21	21