

COR™FACE 9237 FC

DESCRIPTION

COR™FACE 9237 FC is a flux-cored, hardfacing alloy designed to resist severe abrasion. This iron base alloy's abrasion resistance is attributable to its chromium and large niobium carbides, which perform similar to tungsten carbides.

APPLICATIONS

9237 FC is typically used on severe abrasion resistance applications such as sinter claw crushers, sieves, hard banding of drill pipes, and cement kilns.

PROCEDURE

Hardfacing generally does not require any heat treatment. Preheat and post heat according to the base material where necessary. The weld deposit will cross check.

WELDING PARAMETERS

	Size	Volts	Amps	Stickout
FC-O	.045"	25-27	150-200	1"
FC-O	1/16"	26-28	160-200	1.25"
FC-O	3/32"	27-29	275-350	1.5"
FC-O	1/8"	28-30	450-550	1.5"

MECHANICAL PROPERTIES

Hardness:	1 pass	55-60 Rc
	2 pass	60-65 Rc

CLASSIFICATION

Duplex Carbide, Iron base hardfacing alloy