

RANOMATIC® BX-2

General Description

Deposit of Ranomatic –BX2 is a medium chromium carbide surfacing alloy. It has excellent combination of abrasion resistance and impact resistance properties. The weld metal has high toughness and less stress relief check cracks.

Typical applications: Cone crusher bowls and mantles, hammer mill hammers, grader blades and roll crushers

Welding Parameters

Diameter	.045"	1/16"	7/64"
Current	DCRP	DCRP	DCRP
Amperage	150 – 200	175 – 350	250-700
Voltage	22 – 26	24 – 28	31-36
Shielding Gas	Open arc wire or CO ₂	Open arc wire or CO ₂	Open arc wire or CO ₂
Wire Extension	1/2" – 3/4"	1/2" – 1"	3/4" – 1 1/4"

Deposit Characteristics

Hardness (two layers)	HRC 40 - 45
Abrasion Resistance	Outstanding
Impact Strength	Good
Machinability	Grinding only
Thickness	2 – 3 layers recommended (multiple layers with proper procedures)
Deposit cross check	yes

Deposit Chemistry

C	Mn	Si	Cr	Mo	Fe
2.6	1.5	1.5	11.3	1.2	Balance

RANKIN®

Hardfacing Products

Rankin® Industries, Inc.
400 S. Rockefeller Ave.
Ontario, CA 91761
909.483.3222
Toll Free 800.854.2159
Fax 909.483.3233
Email sales@rankin.com