

# RANITE<sup>®</sup> BX

## General Description

**Ranite BX** is the closest thing to a universal, all-purpose hardfacing electrode. If the selection of a correct electrode is difficult, use Ranite BX. This product has the highest deposition rate of all hardfacing electrodes. BX can be deposited in multiple layers, making it an excellent selection for buildup and hardfacing on badly worn parts. Can be deposited in the vertical position and has a fast freeze. This is a AC-DC electrode.

## Recommended Applications

When in doubt, use this product on virtually any hardfacing application to be sure of success; versatility is unmatched. Excellent on crusher rolls, dredge pump shells, jaw plates, grousers, wobblers and hundreds of other parts.

## Welding Parameters

<i>Size</i>	1/8"	5/32"	3/16"	1/4"	<b>Procedure</b>
<i>Amperage</i>	125-140	140-160	160-200	200-250	Deposit Stringer Beads 3X Electrode Diameter

## Deposit Characteristics

Hardness, as deposited	45-50 Rockwell C
As workhardened	60-62 Rockwell C
Abrasion Resistance	Excellent
Impact Strength	Excellent
Maximum Deposit Layers	Multiple
Machinability	No
Surface Checks	Small crosschecks

**Alloy Content** - 9%

**Principle Ingredients:** Carbon, manganese, chromium

**RANKIN<sup>®</sup>**  
Hardfacing Products

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