



## Build-X™ For Buildup of Carbon and Low-Alloy Steels

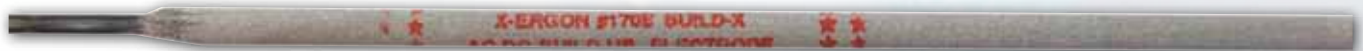
Build-X is designed to provide sound weldments and overlays free of underbead cracks, which is essential for heavy buildup deposits on high-carbon and abrasion-resistant steels.

- All-position — allows build-up any position
- Torch cuttable — makes repairs easy
- High deposition — fast and economical
- Chrome-moly deposit — high-strength, high impact-resistance, heat-treatable
- Machinable



### SPECIFICATIONS

Tensile strength.....	118,000 psi/814 MPa
Yield strength.....	113,000 psi/779 MPa
Hardness.....	24 Rc
Machinability.....	Good (carbide tools)
Max number of passes.....	Unlimited
Current.....	AC or DC



### PROCEDURE

Remove fatigued metal. Preheat according to base metal type. Build up to desired dimensions using minimal amperage and heat input. Maintain short arc gap and allow to slow cool.



### APPLICATIONS

- Restoring worn surfaces to previous dimensions
- Build-up prior to hardfacing
- Provides a tough surface resistant to impact on steel
- Build-up of T-1 latch bars and dutchman prior to hardfacing

Code #	Diameter	Amperage
170-2-000B	3/16"	170-250
170-3-000B	5/32"	120-200

