

Postle Industries • Cleveland, OH USA • Telephone: 216-265-9000 • Fax: 216-265-9030

Postalloy® RailTuff is a non-cracking build-up electrode in the machinable range of hardness providing wear resistance that is far superior to low and medium carbon steel and low alloy steels.

Deposits are extremely tough and have a high resistance to impact and deformation and are not subject to spalling or roll-over. In addition, deposits are dense, crack-free and porosity-free.

Specifications

Product Type

Flux-coated electrode

Weld Deposit Properties

Hardness: 32-38Rc

Deposit Thickness: as required

Impact Resistance: Excellent

Compressive Strength: High

Abrasion Resistance: Fair

Can be flame-cut

Applications

Railroad Railends

Wheel burns

Wheel slip streaks

Carbon steel switch points

Postalloy® RailTuff Welding Parameters

Current: AC/DC Reverse Polarity

Diameter	Amps
5/32" (4.0mm)	100-150
3/16" (4.8mm)	170-225
1/4" (6.0mm)	190-260

Welding Procedure

Please consult our Railroad Track Procedures Manual.

Also available as a semi-automatic wire - Postalloy® RailTuff-FCO

Packaging Options

Standard Packaging

Plastic Resealable Box: 10 lbs

