THE J D RUSSELL COMPANY

SHOT BLAST
STEEL SURFACE PREPARATION

MEMBER
GSPC.org

DURAEEDGE®
STEEL LANDSCAPE EDGING
RUST and PAINT DELAMINATION is an all-too-common occurrence on edging materials. Not only does it look bad, it affects the integrity of your landscape installations. The conventional method of pre-washing and powder coating the steel does little to eliminate the rust and scale that causes the problem.

**WE HAVE A BETTER WAY!**

The J D Russell Company is the first and only landscape edging manufacturer in the nation to use the Blastec shot blast system. The process removes scale, rust and other contaminants from the steel prior to powder coating. Using a 3 stage process, the steel is shot blasted, coated with phosphoric acid, then powder coated. This enables the paint to adhere properly to the metal surface ensuring a professional look that lasts far longer than our competitors.

**SPECIFIER INSERT for STEEL HEADER**

Soil line _____" below top of header on lawn side. _____" Tapered Steel Stakes

Decomposed granite, decorative stone or specified ground cover _____" deep.

All steel curbing shall be ______ thick x ______ deep with _____ stakes per section, shot blast prepped per SSPC surface preparation specification #6 and powder coated ______ as manufactured by The J D Russell Company and under its trade name DURAEDGE.

**SHOT BLAST STEEL SURFACE PREPARATION**

**STAGE 1**
SHOT BLASTING
Steel is fed into the shot blaster where all rust, scale and other impurities are removed.

**STAGE 2**
ACID COAT
Raw steel is coated in phosphoric acid to promote better powder coat adhesion.

**STAGE 3**
POWDER COATING
Steel is powder coated and cured providing a long lasting finish free of rust and peeling.

**SPECIFIER INSERT for BLAST CLEANING**

SSPC 5.1.4 Blast Cleaning - For the removal of all dirt, grease, rust scale, foreign material and mill scale, rust, old paint and slag to the extent that staining is limited to light shadows, slight streaks, or minor discolorations caused by stains of rust, stains of mill scale, or stains of previously applied paint. Bare steel surfaces have a layer of iron oxide that must be removed before powder coating will adhere to the bare steel. Blast cleaning shall be performed in accordance with SSPC Surface Preparation Specification 6. After blasting operations are completed, all surfaces shall be cleaned of blasting products and other residue by the use of compressed air or vacuumed.