

Revision  
July, 2007

## Recommended Painting Instructions

# ARCHITECTURAL TECHNICAL DATA

September 1, 2003

### FIELD PAINTING:

Steel doors and frames are provided with a primer paint finish that is intended as a preparatory base for field application of a top (finish) coat of paint. The primer paint coat is not designed to be the final layer of protection from environmental elements. It is designed to provide protection to the steel surface during normal storage, shipping, and installation at the jobsite and to provide a uniform base for finish painting. Finish painting is necessary. It is recommended that the finish paint be applied to the door after installation is completed. It is the responsibility of the end user to maintain the integrity of the finish after installation.

Low gloss oil based paints are recommended as finish paint. WE DO NOT RECOMMEND THE USE OF WATER BASED FINISH COATS SUCH AS LATEX, ACRYLIC, POLY-VINYL ACETATE EMULSION FINISHES. However, if any of these materials are used as a finish coat, you should first repaint the door or frame with a primer with rust inhibitors recommended by your paint manufacturer for bare steel. If the door is not re-primed, all scratches and nicks that expose bare steel will develop rust.

### RECOMMENDED PAINTING INSTRUCTIONS:

First repair any dents or scratches which occurred during installation. Sand the primer finish lightly with a very fine sand paper; be sure the surface is clean and dry. Paint with a low gloss oil base trim paint. If the primer has been scratched or damaged so that rusting has occurred, sand lightly with steel wool or fine sandpaper to remove all traces of rust (any rust not removed will eventually become active and bleed through any subsequent top coats.) After all rust has been removed and you are sure the surface is clean, dry, and free of any foreign material, apply a rust inhibitive primer over the entire repair area and then paint the door with a low gloss oil base trim paint.

### DENT REPAIR:

Sand to bare metal (including area around dent) with #80 sand paper. Apply two component plastic body filler, mixed as directed on the container, to the depressed area. After filler has cured thoroughly, sand with #100 grit sand paper to a smooth flat surface. Finish sand with 240 or 300 grit sand paper as needed. Be sure surface is clean and dry, and free of any foreign material. Apply a rust inhibitive primer over entire repair area and let dry for 24 hours before finish painting.

### SCRATCHES:

Feather scratch to the bare metal with #300 sand paper. Be sure surface is clean, dry, and free of any foreign material. Apply a rust inhibitive primer over entire repair area and let dry for 24 hours before finish painting.