

Recommended Painting Instruction

Architectural Technical Data

 CURRIES

ASSA ABLOY

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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.

USGBC LEED requirements

Under United States Green Building Council LEED credit EQ 4.2, any paints and coatings are limited on the VOC content that can be applied at the jobsite. This may require the painter to use a latex paint for doors and frames. If this is required then it is the responsibility of the painting contractor to re-prime the doors and frames per CURRIES recommendation (see above).

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.

SPECIAL PAINTING NOTE FOR 747, 847, AND 857 DOORS:

The production of steel doors and frames relies on a variety of manufacturing processes including spot welding, projection welding, arc welding ground smooth, grinding, filling, etc. These processes may result in a show-through after application of finished paint. These characteristics are inherent in production and are not to be considered as manufacturing defects.

The show-through characteristics increase as the paint gloss increases. ANSI A250.8 (SDI 100) recommends a maximum paint gloss rating of 20% reflectance, measured using a 60° gloss meter, which should be suitable for most applications. Translucent paints may emphasize show-through characteristics and their use is not recommended.