



Complete Curb Products

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COATING SPECIFICATIONS: AIR CONDITIONING COILS & EQUIPMENT

SCOPE- The specifications outlines general procedures for the preparation of surfaces and the subsequent application of protective coatings. Complete Curb Products shall furnish all labor, materials and equipment required for the satisfactory completion of all items contained herein.

MATERIALS- All materials shall be delivered to our facility in their original, unopened containers bearing the manufacturers name, brand and batch number.

SAFETY- Protective coatings and paints should be considered hazardous materials. Complete Curb Products shall take such precautions as are necessary to ensure that workers are aware of the flammable and toxic characteristics of such products.

SURFACE PREPARATION

A. Bare Metal (Fins and Coils) - All bare metals surfaces are to be placed in the proper conditions to receive coating before any painting is done. No more surface preparation than can be painted or coated in a normal working day shall be performed. Oil, grease and other deposits of surface contamination shall be removed by solvent or detergent washing. All surfaces must be clean, dry and free of any dirt, dust, grease, oil, salts or other deleterious materials prior to painting. Care shall be taken to ensure surfaces remain clean before and during coating application.

B. Previously Painted Surfaces (Housings)- All painted surfaces to be re-coated by Complete Curb Products shall be cleaned with a suitable detergent wash system. For the purpose of this specification, a suitable detergent wash system shall be defined as: "A methodological system of washes and rinses which remove all traces of surfaces contamination consisting of oil or grease, dust, dirt, salts or other deleterious materials which would interfere with the integrity of the coating system".

APPLICATION METHODS AND WORKMANSHIP

A. Spray Painting Method - Fin and coils and unit housings, frame, braces and other attachments may be coated by means of either airless or conventional spray. Fins and coils shall be coated in multiple passes of material thinned up to twenty percent (20%) by volume. Multiple passes shall be made from such angles as to ensure an even, continuous coating film is achieved. Unit housings, frames, brackets, and other attachments to be coated shall be painted by materials as received from the manufacturer or thinned up to ten percent (10%) by volume.

B. Workmanship - Each coat shall be applied to obtain a uniform and evenly applied finish. Work shall be free from "runs", "bridges", or other imperfections. Particular care shall be taken to obtain a uniform, unbroken coating over all bolts, threads, nuts, welds, edges and corners. Coatings shall not be applied in extreme heat or dampness, nor in dust or smoke laden air.

APPLICATION SYSTEMS

A. Bare Metals - Bare metal surfaces shall receive a prime coat of ICI Devran 201 Universal Epoxy Primer to a thickness of not less than 3.0 mils DFT (dry film thickness) nor more than 8.0 mils DFT. Minimum re-coat time for ICI Devran 201 Universal Epoxy Primer is 3.5 hours at 77 F with 80% relative humidity. Finish coat shall consist of Devthane 379 UVA Aliphatic Urethane Gloss Enamel applied to a thickness of not less than 1.0 mils DFT nor more than 5.0 mils DFT. If a second finish coat is desired, apply one coat Devthane 379 UVA Aliphatic Urethane Gloss Enamel to a minimum of 1.0 mils and a maximum of 5.0 mils DFT.

B. Painted Surfaces - Surfaces to be repainted with polyurethane coatings shall receive one coat ICI Devran 201 Universal Epoxy Primer applied to a thickness of not less than 3.0 mils DFT. Minimum re-coat time for ICI Devran 201 Universal Epoxy Primer is 3.5 hours at 77F. Finish coat shall consist of Devthane 379 UVA Aliphatic Urethane Gloss Enamel applied to a thickness of not less than 1.0 mils DFT nor more than 5.0 mils DFT. If a second finish coat is desired, apply one coat Devthane 379 UVA Aliphatic Urethane Gloss Enamel to a minimum of 1.0 mils and a maximum of 5.0 mils DFT.