

SPECIFICATIONS FOR ELECTROSTATIC REFINISHING

WORKMANSHIP & MATERIALS

The electrostatic painting contractor shall provide all labor, material, and mobile electrostatic paint spraying equipment necessary to refinish metal furniture at the designated indoor location. If the work is to be performed at the contractors' place of business the electrostatic paint spraying equipment may also be non-mobile or automated.

The electrostatic paint spraying system shall be a commercially available integrated system. The voltage shall be transmitted from the power source by a flexible cable to the hand gun, creating an electrostatic field between the front of the gun and the grounded article being refinished.

The most widely accepted electrostatic system is the Ransburg #2 process hand gun. The final finish shall be smooth, free of orange peel, flaking, solids, runs, sags, bubbles, pits, wrinkles, or other defects. The final finish will have a semi-gloss appearance that registers a reading of 40% to 60% on a Gardner 60 degree glossmeter.

MATERIAL SPECIFICATIONS

The paint will be a high performance electrostatic coating specified to meet the unique needs of the project.

SURFACE PREPARATION

All surfaces to be refinished will be prepared in accordance with the following guidelines. Accumulated floor wax shall be removed. All tape, stickers, and other materials removed. All surfaces will be prepared in accordance with SSPC-SP-2 Hand tool cleaning. This standard is a method of preparing metal surfaces by the use of non-powered hand tools. Remove all loose or chipping paint. Remove all rust. The edges of remaining paint should be feathered to give the refinished surface a reasonably smooth appearance. If powered sanding tools are to be used; they must be part of an integrated dust-free system.

All chrome hardware, glass, upholstered areas, laminate work surfaces, etc. must be masked to prevent over-spray accumulation.

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CONTRACTOR REQUIREMENTS

The contractor will be responsible for the disposal of all rubbish and unused material belonging to, used under the direction of, and in the areas of, and disposal containers designated by the ordering agency or otherwise as the ordering agency's observer may direct.

The disposal of hazardous waste shall conform to applicable federal, state and local regulations.

The floor surrounding the work area shall be kept free of debris or fallen articles.

Work areas must be ready for the ordering agency to commence business each day.

The contractor shall return the allocated work space in the same condition received.

FURNITURE REFINISHING

If the station to station or 'truck stop' method is to be used; adequate drop cloths must be placed in the preparation area and spraying area to prevent over-spray on the floor and adjacent areas. The items must be dry to the touch before they are removed from the dolly and placed onto the floor.

If the in-situ method is to be used; protective paper must be placed under and surrounding each item to prevent over-spray on the floor.

All surfaces refinished should be coated to yield a dry film thickness of 1.5 to 2.0 mils

All items refinished should be back in the same location as received.