

09 90 00 – Painting and Coating

1. General

- A. Substrate preparation is of utmost importance. Surfaces shall be adequately prepared for painting by filling, scraping, sanding, caulking, priming, cleaning or brushing; the presence of any moisture in areas to be painted is unacceptable. The campus currently uses 1) Glidden, 2) Sherwin-Williams and 3) Pittsburg Paints, in this preferential order, as a basis of color and paint selection. Paint for use in renovation projects where the adjacent areas are occupied shall be low odor, low VOC emitting; ICI/Glidden Lifemaster 2000 or equivalent. Paint manufacturers with colors compatible with existing colors or paint types can be used with approval of the Owner. Although epoxy paint is desirable in high-moisture or high-traffic areas, its curing time and odor must be taken into account for use in potentially sensitive areas. Prefinished (factory finished) items shall not be painted. Fire protection devices shall not be painted.
- B. General areas and paint requirements for new surfaces (minimum requirements) are as follows:
1. Elevator Machine Room, Hoistway and Pit Equipment shall be painted with one coat of primer and two alkyd resin semi-gloss or gloss finish coats.
 2. Telephone Rooms shall be painted with one coat of primer and one coat flat enamel or fire-retardant paint when required.
 3. Exterior Ferrous Metal (rails or steel lintels) shall be painted with rust-inhibitive primer over shop primer and a minimum of two coats oil base gloss enamel.
 4. Door Frames shall be painted with rust-inhibitive primer (if metal) over shop coat and two coats semi-gloss enamel (alkyd or latex base, depending on area and use).
 5. Interior Plaster or Gypsum Wallboard (drywall) shall be painted with primer and two coats of eggshell or semi-gloss enamel, depending on area.
 6. Interior Ceilings (plaster or gypsum ceiling board) shall be painted with primer and two coats of eggshell enamel.
 7. Interior Masonry shall be painted with latex block filler and two coats of eggshell or semi-gloss enamel, depending on area.
 8. Interior Ferrous Metal shall be painted with primer over shop coat and two coats alkyd base semi-gloss enamel.
 9. Interior Wood Doors and Trim shall be natural or stained finish (Golden Oak preferred).

10. Exterior Wood is not recommended but if used shall have an exterior wood primer and two coats exterior oil base enamel.
11. Parking Striping shall be painted with one coat commercial vehicular pavement coating. On previously painted surfaces, a minimum of one coat of finish paint shall be provided. If patching is required, a primer and at least two finish coats shall be used. Paints are to be applied by brush or roller; spray painting is not permitted. Bright feature colors, unless specifically approved by the Owner, are not permitted. During construction, paint materials will not be stored in the space being painted. Paints selected for projects shall be approved by the Owner, taking into consideration long-term service and maintenance requirements.
12. Crosswalks and other Pavement Markings on asphalt shall be painted with thermoplastic paint.