

1. GENERAL

1.1 Work Included

- .1 Painting of steel fabrications, including touch-up of shop painted items.
- .2 Painting of galvanized ductwork.
- .3 Painting of canvas covered insulated piping.
- .4 Painting of existing and new concrete forming parts of new and modified items.
- .5 For process and electrical equipment painting requirements, refer to Divisions 13 and 16, respectively.

1.2 Standards

- .1 Do painting and finishing to CGSB-GP-85 series standards including Appendix A, and to material manufacturer's instructions, except where specified otherwise.

1.3 Delivery, Storage and Handling

- .1 Deliver materials in manufacturer's sealed and labelled containers.
- .2 Store containers of volatile materials in well ventilated location, not exposed to excessive heat or direct sunlight.
- .3 Keep containers tightly closed except when in use.

1.4 Protection

- .1 Remove used wiping cloths from building daily.
- .2 Protect against spontaneous combustion by drenching with water or place in airtight metal containers.
- .3 Protect other work from paint splattering. Provide adequate tarpaulins and drop cloths.
- .4 Remove finish hardware, electrical switch and receptacle plates, etc., prior to painting and replace after completion.
- .5 In finished areas, place "WET PAINT" signs and bar traffic as necessary.

1.5 Maintenance Materials

- .1 Deliver to the City, one litre of each colour and finish used, in unopened sealed containers, with contents clearly labelled including colour and where used.
- .2 Maintenance materials to be from same production run as applied materials.

1.6 Submissions

- .1 Submit to Contract Administrator manufacturer's standard colour chips or samples of colours to be used. Final colours are to be accepted by the Contract Administrator.

2. PRODUCTS

2.1 Materials

- .1 Paint materials: to CGSB standards listed in Finishing Formulae. Materials to be premium quality manufactured by Glidden, Cloverdale Paint Inc. (C.P.I.), Sherwin-Williams, and Pratt & Lambert.
- .2 Paint materials for successive coatings on same surface to be products of a single manufacturer.

3. EXECUTION

3.1 Surface Preparation

- .1 Prepare concrete surfaces to CGSB 85-GP-31.
- .2 On steel surfaces, touch up damaged shop primer with CISC/CPMA 2-75.

3.2 Application

- .1 Wet sand and dust between each coat to remove defects visible from distance up to 1.5 m.
- .2 Apply number of coats of specified materials to designated surfaces as specified to cover surfaces perfectly. If surfaces are not properly covered, apply additional coats as necessary to properly finish work, at no cost to City.

3.3 Paint Finishes

- .1 For interior concrete floor surfaces:
 - .1 1 coat urethane floor enamel 10% thinned, acceptable product: Glidden Ultra 33800.
 - .2 1 coat urethane floor enamel, acceptable product: Glidden Ultra 33800.
- .2 For interior concrete surfaces (other than floor surfaces):
 - .1 1 coat latex block filler.
 - .2 2 coats alkyd semi-gloss enamel.
- .3 For interior primed steel surfaces:
 - .1 1 coat touch-up primer to CISC/CPMA 2-75.

- .2 2 coats alkyd semi-gloss enamel.
- .4 For interior galvanized sheet metal surfaces:
 - .1 1 coat galvanized iron primer.
 - .2 2 coats latex, acceptable product: Glidden Ultra Latex Eggshell Enamel #9490-0.
- .5 For canvas covered insulated piping:
 - .1 1 coat latex sealer, acceptable product: Glidden Ultra High Insul-Aid.
 - .2 2 coats latex, acceptable product: Glidden Ultra Interior Latex Eggshell Enamel #9490 – 0.

3.4 Colour

- .1 Colours are to match existing adjacent surfaces or existing equipment.

END OF SECTION