

PART 1 - GENERAL

1.1 DESIGN
REQUIREMENTS

- .1 Weight capacity per shelf evenly distributed: 544 kg (1,200 lbs) on selves up to and including 1,220 mm (48 ") long.
- .2 Shelves are for use on units with four posts, not as part of an add-on unit with two posts.
- .3 Design shelving to accommodate vertical adjustment of shelves in 25 mm increments and to permit easy assembly, expansion, dismantling and re-use of shelving component parts.

1.2 ACTION AND
INFORMATIONAL
SUBMITTALS

- .1 Provide submittals in accordance with Section 01 33 00 - Submittal Procedures.
- .2 Submit shop drawings:
 - .1 Indicate shelving layouts, number of bays, number of shelves, number and size of drawers, bins, number of dividers, system of bracing and anchoring devices.

1.3 DELIVERY, STORAGE
AND HANDLING

- .1 Packing, shipping, handling and unloading:
 - .1 Deliver, store and handle materials in accordance with Section 01 61 00 - Common Product Requirements.

1.4 EXTRA MATERIALS

- .1 Provide tools for assembly and disassembly, standard with shelving manufacturer.

PART 2 - PRODUCTS

2.1 COMPONENTS

- .1 Polymer Posts:
 - .1 Pultrusions - continuous glass fibers and thermoset resin composite with built-in Microban antimicrobial product protection.
 - .2 Compatible for use with shelves.
 - .3 Stationary posts include an adjustable leveling foot to compensate for uneven floors. Leveling foot can be adjusted 25 mm (1").
 - .4 Nominal height 1,690 mm (74").
- .2 End Beams, Adjustable Foot and Socket:
 - .1 Injection molded polyester thermoplastic resin with glass reinforcement.

- .3 Shelves:
 - .1 Mineral reinforced polypropylene. Corrosion proof with built-in Microban antimicrobial product protection.
 - .2 Solid mat with drop mat for spill containment.
 - .3 Compatible for use on shelving units.
 - .4 Nominal width 610 mm (24"), nominal length 1,220 mm (48").

PART 3 - EXECUTION

3.1 MANUFACTURER'S INSTRUCTIONS

- .1 Compliance: comply with manufacturer's written recommendations or specifications, including product technical bulletins, handling, storage and installation instructions, and datasheets.

3.2 INSTALLATION

- .1 Do polymer shelving work except where specified otherwise.
- .2 Install polymer shelving in accordance with reviewed layout.
- .3 Brace, secure and anchor shelving units in place.
- .4 Make good baked enamel surfaces damaged during shipment or installation.

3.3 FIELD QUALITY CONTROL

- .1 Manufacturer's Field Services:
 - .1 Provide manufacturer's field services consisting of product use recommendations and periodic site visits for inspection of product installation in accordance with manufacturer's instructions.

3.4 CLEANING

- .1 Proceed in accordance with Section 01 74 11 - Cleaning.

3.5 SCHEDULE

- .1 For installation in 1665 Battery Storage.
- .2 Four (4) shelves per unit, six (6) units total.

END OF SECTION