

SECTION 13411
INSTRUMENT CONSOLES

PART GENERAL

SECTION INCLUDES

Instrument consoles.

RELATED SECTIONS

Section 03300 - Cast-In-Place Concrete.

Section 08342 - Fiberglass Doors and Frames.

Section 11201 - Wash Troughs.

Section 11202 - Effluent (Collection) Troughs (Launders).

Section 11203 - Finger Weir Pans.

Section 11204 - Weir Plates, Scum Baffles, and Brackets.

Section 11205 - Density Current Baffle System.

Section 11206 - Palmer-Bowlus Flumes.

Section 11207 - Parshall Flumes.

Section 11208 - Metering Manholes.

Section 11286 - Slide Gates and Guides.

Section 11305 - Odor Control System.

Section 13122 - Pre-Engineered Fiberglass Buildings.

REFERENCES

ASTM D 638 - Standard Test Method for Tensile Properties of Plastics.

ASTM D 790 - Standard Test Methods for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating

Materials.

SUBMITTALS

Submit under provisions of Section 01300.

Product Data: Test results of fiberglass reinforced plastic laminate.

Shop Drawings: Show:

Critical dimensions, jointing and connections, fasteners and anchors.

Materials of construction.

Sizes, spacing, and locations of structural members, connections, attachments, openings, fasteners, and loads.

Samples: 8-inch square sample of fiberglass reinforced plastic laminate.

Manufacturer's installation instructions.

DELIVERY, STORAGE, AND HANDLING

Store products indoors and protect from construction traffic and damage.

PART PRODUCTS

MANUFACTURER

Provide products manufactured by Warminster Fiberglass Company; P.O Box 188, Southampton PA 18966-0188; ASD. Tel. (215) 953-1260, Fax. (215) 357-7893.

Requests for substitution will be considered in accordance with provisions of Section 01600.

Substitutions: Not permitted.

INSTRUMENT CONSOLES

Fiberglass Material:

Tensile strength (ASTM D 638): 9,000 psi.

Flexural strength (ASTM D 790): 15,000 psi.

Flexural modulus (ASTM D 790): 900,000 psi.

Construction: Totally enclosed molded fiberglass reinforced plastic

instrument panels.

One-piece molded construction. No metal strips required to form mechanical joints.

Smooth gloss, gel-coated outside surfaces; no exposed glass fibers.

1/2 inch radius rounded corners; cutout edges sanded and smooth.

Recessed, lift-off access doors with Southco Type 44 latches.

Nominal wall thickness, instrument mounting surface: 1/4 inch.

Nominal wall thickness, elsewhere: 1/8 inch.

Access doors: Front and rear.

Open bottom construction; 2-1/2 inch mounting flange and factory drilled anchor holes.

Color: Beige.

Color: _____.

Table-top type, 36 inches wide: Model WFC1010BB.

Table-top type, 48 inches wide: Model WFC1015BB.

Table-top type, 66 inches wide: Model WFC1020BB.

Low breakfront type, 36 inches wide: Model WFC1010CB.

Low breakfront type, 48 inches wide: Model WFC1015CB.

Low breakfront type, 66 inches wide: Model WFC1020CB.

High breakfront type, 36 inches wide: Model WFC1010DB.

High breakfront type, 48 inches wide: Model WFC1015DB.

High breakfront type, 66 inches wide: WFC1020DB.

Surface finish: Matte.

Surface finish: Satin.

Gasket on door.

Galvanized power struts.

Fiberglass power struts.

Instrument cut-outs.

1/4 inch thick fiberglass sub-panel, mounted on power struts.

1/8 inch thick steel sub-panel, mounted on power struts.

PART EXECUTION

EXAMINATION

Verify that dimensions are correct and project conditions are suitable for installation. Do not proceed with installation until unsatisfactory conditions have been corrected.

INSTALLATION

Install products in accordance with manufacturer's instructions.

Ensure that products are installed plumb and true, free of warp or twist, within tolerances specified by the manufacturer and as indicated in the contract documents.

Anchor consoles to floor with expansion anchors.

ADJUST AND CLEAN

Clean surfaces in accordance with manufacturer's instructions.

Remove trash and debris, and leave the site in a clean condition.

END OF SECTION