

5.2 Part 2 Products

5.2.1 Materials

- A. Sheet Steel: ASTM A366.
- B. Stainless Steel Sheet: ASTM A167, Type 316.
- C. Tubing: ASTM A269, stainless steel, or chrome plated.
- D. Plastic Laminate: NEMA LD-3, Fire Rated Type; 3.2 mm thick, finish and colour, as selected.
- E. Adhesive: Two component epoxy type, waterproof.
- F. Fasteners, Screws, and Bolts: Stainless Steel.
- G. Expansion Shields: Fibre, lead, or rubber as recommended by accessory manufacturer for component and substrate.
- H. Primer: As recommended by the manufacturer.

5.2.2 Fabrication

- A. Weld and grind joints of fabricated components, smooth.
- B. Form exposed surfaces from single sheet of stock, free of joints. Form surfaces flat without distortion. Maintain surfaces without scratches or dents.
- C. Fabricate grab bars of tubing, free of visible joints, return to wall with end attachment flanges. Form bar clear of wall surface. Knurl grip surfaces.
- D. Shop assembled components and package complete with anchors and fittings.
- E. Provide steel anchor plates, adapters, and anchor components for installation.

5.2.3 Keying

- A. Supply keys for each accessory to Owner.
- B. Key all accessories.

5.2.4 Finishes

- A. Galvanising: ASTM A123 380 g/sq. m. Galvanise ferrous metal and fastening devices.
- B. Shop Primed Ferrous Metals: Pre-treat and clean, spray apply one coat primer and bake.
- C. Enamel: Pre-treat to clean condition, apply one coat primer and minimum two coats epoxy or electrostatic baked enamel.