

SECTION 066400 – ENGINEERED RESIN – MOUNTING HARDWARE FOR PARTITIONS

PART 1 - MOUNTING HARDWARE

2.2 HARDWARE

- A. Basis-of-Design Railing Product: Subject to compliance with requirements, provide Interna-Rail® Partition Support System for Resin Panels as manufactured and assembled by Hollaender Manufacturing or an approved equivalent.

- B. METALS, GENERAL
 - 1. Metal Surfaces, General: Provide materials with smooth surfaces, without seam marks, roller marks, rolled trade names, stains, discolorations, or blemishes.
 - 2. Finish to be either clear anodized aluminum or powder coat to designer spec, min. AAMA 2603.

- C. ALUMINUM
 - 1. Extruded Bars and Tubing: ASTM B 221, Alloy 6063-T5/T52, 6005-T5.
 - 2. Structural Fittings and Panel Clips: Alloy 6063-T6.

- D. POSTS
 - 1. Vertical posts to be of 6063-T6, Sch. 40 aluminum, clear anodized finish or powder coat to designer spec, min. AAMA 2603 for durability.
 - 2. Posts to be same height as partition panels, basis final drawings and designer approval.

- E. FASTENERS
 - 1. Resin panels to be secured to side rails using Hollaender 144-8 two piece glass panel clips. 144-8 clips will be manufactured from 6063-T6 aluminum alloy and secured to the rails using anodized aluminum tubular rivet nuts, size 5/16 – 18 UNC, and stainless steel socket head cap screws. 144-8 clips to be sized for either 1/4" or 3/8" thick panels.

- F. Flanges and anchors
 - 1. Anchors: Provide anchors as required to support indicated load and suitable for wood or other appropriate material
 - 2. Flanges :
 - For level surfaces, provide Hollaender 142-8 internal cast flanges with 4 holes, capped with Hollaender 242-8 anodized aluminum escutcheon plate.
 - For raked surfaces, use Hollaender 146I-8 internal spud with integral cover plate.