

1 GENERAL

1.01 RELATED SECTIONS

- .1 Section 01 33 00 - Submittal Procedures.
- .2 Section 07 92 00 - Joint Sealants.

1.02 REFERENCES

- .1 Canadian Standards Association (CSA International)
 - .1 CSA O112 Series-M1977 (R2006), CSA Standards for Wood Adhesives.
- .2 National Electrical Manufacturers Association (NEMA)
 - .1 ANSI/NEMA LD3-2005, High-Pressure Decorative Laminates (HPDL).

1.03 SUBMITTALS

- .1 Samples:
 - .1 Submit samples in accordance with Section 01 33 00 - Submittal Procedures.
 - .2 Submit duplicate samples of joints, edging, cutouts and post-formed profiles.

1.04 DELIVERY, STORAGE, AND HANDLING

- .1 Deliver, handle, store and protect materials of this section in accordance with manufacturer's printed instructions.
 - .1 Maintain relative humidity between 25 and 60% at 22 degrees C during storage and installation.

2 PRODUCTS

2.01 MATERIALS

- .1 Laminated plastic for postforming work: to ANSI/NEMA LD3.
 - .1 Type: Post forming.
 - .2 Thickness: minimum 1.0mm
 - .3 Grade: HGP.
 - .4 Colour: to be selected from full standard range of colour.
- .2 Plywood core for post forming: to ANSI/NPA A208.1, 19 mm thick.
- .3 Laminated plastic adhesive: urea resin adhesive to CSA O112.
- .4 Sealants: in accordance with Section 07 92 00 – Joint Sealants.

2.02 FABRICATION

- .1 Comply with ANSI/NEMA LD 3, Annex A.

- .2 Obtain governing dimensions before fabricating items which are to accommodate or abut appliances, equipment and other materials.
- .3 Ensure adjacent parts of continuous laminate work match in colour and pattern.
- .4 Veneer laminated plastic to core material in accordance with adhesive manufacturer's instructions. Ensure core and laminate profiles coincide to provide continuous support and bond over entire surface. Use continuous lengths up to 2400 mm.
- .5 Form shaped profiles and bends as indicated, using post-forming grade laminate to laminate manufacturer's instructions.

3 EXECUTION

3.01 MANUFACTURER'S INSTRUCTIONS

- .1 Compliance: Comply with manufacturer's written data, including product technical bulletins, product catalogue installation instructions, product carton installation instructions, and data sheets.

3.02 INSTALLATION

- .1 Install work plumb, true and square, neatly scribed to adjoining surfaces.
- .2 Make allowances around perimeter where fixed objects pass through or project into laminated plastic work to permit normal movement without restriction.
- .3 Make flush hairline joints.
- .4 At junction of laminated plastic window sill and adjacent wall finish and curtain wall framing, apply small bead of sealant.

3.03 PROTECTION

- .1 Cover finished laminated plastic veneered surfaces with heavy kraft paper or put in cartons during shipment. Protect installed laminated surfaces by approved means. Do not remove until immediately before final inspection.

3.04 CLEANING

- .1 Perform cleaning after installation to remove construction and accumulated environmental dirt.
- .2 Remove traces of primer, caulking, epoxy and filler materials; clean adjacent surfaces and curtain wall frames.

END OF SECTION
