SECTION 26 05 33
MEDIA PANELS

**** NOTE TO SPECIFIER **** Primex Technologies Inc.; Plastic Enclosures For Media panels.
This section is based on the products of Primex Mfg. Ltd., which is located at:
20160 - 92A Ave.
Langley, BC, Canada V1M 3A4
Toll Free Tel: 877-881-7875
Tel: 604-881-7875
Fax: 604-881-7835
Email:request info (info@primex.com)
Web:www.primex.com
[Click Here] for additional information.

Primex helps you meet the demand for blazingly fast video-streaming and interactive communications systems. Our lightweight plastic Wi-Fi compatible enclosures simplify the installer's task and readily adapt as technology evolves. Our enclosures for interior structured wiring solutions perform like no others, because they're built like no others. They help builders and integrators manage the transition to the connected home with less cost, and greater flexibility and adaptability for future technologies.

PART 1 GENERAL

1.1 SECTION INCLUDES

**** NOTE TO SPECIFIER **** Delete items below not required for project.

A. Interior Media panels.

1.2 RELATED SECTIONS

**** NOTE TO SPECIFIER **** Delete any sections below not relevant to this project; add others as required.

A. Section 26 20 00 - Low-Voltage Electrical Distribution

B. Section 26 27 16 - Electrical Cabinets and Enclosures

C. Section 26 05 00 - Common Work Results for Electrical.

D. Section 26 05 33 - Raceway and Boxes for Electrical Systems.

E. Section 26 27 23 - Indoor Service Poles.

F. Section 26 27 26 - Wiring Devices.

G. Section 27 05 33 - Conduits and Backboxes for Communications Systems.

H. Section 27 05 36 - Cable Trays for Communications Systems.

I. Section 27 11 23 - Communications Cable Management and Ladder Rack.

J. Section 28 05 00 - Common Work Results for Electronic Safety and Security.

K. Section 28 13 63 - Access Control Vehicle Identification System.

1.3 REFERENCES

**** NOTE TO SPECIFIER ** Delete references from the list below that are not actually required by the text of the edited section.**

A. NEMA OS 2 - Nonmetallic Outlet Boxes, Device Boxes, Covers, and Box Supports.

B. National Fire Protection Association (NFPA): NFPA 70 - National Electrical Code.

C. UL 5 - Surface Metal Raceways and Fittings.

D. UL 94 - Test for Flammability of Plastic Materials for Parts in Devices and Appliances.

E. UL 514A - Metallic Outlet Boxes.

F. UL 514C - Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers.

1.4 DESIGN / PERFORMANCE REQUIREMENTS

A. Electrical Components, Devices, and Accessories: Comply with requirements of applicable local codes, NEC, UL, and NEMA Standards pertaining to indoor service poles and architectural columns. Listed and labeled in accordance with NFPA 70, Article 100.

B. Electrical Boxes and Fittings: Comply with requirements of applicable local codes, NEC, UL, ETL, and NEMA Standards pertaining to boxes and fittings. Listed and labeled in accordance with NFPA 70, Section 300-21.

C. Products: Listed and classified by Underwriters Laboratories, Inc. as suitable for the purpose specified and indicated.

1.5 SUBMITTALS

A. Submit under provisions of Section 01 30 00 - Administrative Requirements.

B. Product Data: Manufacturer's data sheets on each product to be used, including:
1. Preparation instructions and recommendations.
2. Storage and handling requirements and recommendations.
3. Installation methods.

C. Manufacturer's Certificates: Certify products meet or exceed specified requirements.

1.6 QUALITY ASSURANCE

A. Manufacturer Qualifications: Firms regularly engaged in manufacture of box distribution products and systems of the types and sizes required for not less than 10 years.

B. Source Limitation: Obtain each type of enclosure through one source from a single manufacturer.

**** NOTE TO SPECIFIER ** Include a mock-up if the project size and/or quality warrant taking such a precaution. The following is one example of how a mock-up on a large project might be specified. When deciding on the extent of the mock-up, consider all the major different types of work on the project.**

C. Mock-Up: Provide a mock-up for evaluation of surface preparation techniques and application workmanship.
1. Finish areas designated by Architect.
2. Do not proceed with remaining work until workmanship is approved by Architect.

3. Refinish mock-up area as required to produce acceptable work.

1.7 DELIVERY, STORAGE, AND HANDLING

A. Store products in manufacturer's unopened packaging until ready for installation.

B. Store and handle in strict compliance with manufacturer's written instructions and recommendations.

C. Protect from damage due to weather, excessive temperature, and construction operations.

1.8 PROJECT CONDITIONS

A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's absolute limits.

PART 2 PRODUCTS

2.1 MANUFACTURERS

A. Acceptable Manufacturer: Primex Mfg. Ltd., which is located at: 20160 - 92A Ave. ; Langley, BC, Canada V1M 3A4; Toll Free Tel: 877-881-7875; Tel: 604-881-7875; Fax: 604-881-7835; Email:request info (info@primex.com); Web:www.primex.com

**** NOTE TO SPECIFIER **** Delete one of the following two paragraphs; coordinate with requirements of Division 1 section on product options and substitutions.**

B. Substitutions: Not permitted.

C. Requests for substitutions will be considered in accordance with provisions of Section 01 60 00 - Product Requirements.

**** NOTE TO SPECIFIER **** Edit the following paragraphs as required and applicable to project requirements. Delete the paragraphs that are not applicable.**

2.2 INSIDE MEDIA STUCTURED WIRING DISTRIBUTION ENCLOSURES

A. P2100ND (narrow/deep) Media panel, Multiple Service Providers including Cable and Telco, smart home integrators etc.:
   1. Dimensions Inside: H: 21 inches, W: 14 inches, D: 5 inches.
   2. Description: The Primex SOHO Pro P2100ND WiFi transparent Media panel (Narrow/Deep model) provides a lockable, centralized location for multi-play and smart home services within residential and commercial premises. The Narrow/Deep model adds 1” of depth and reduces the frame width by 1” to allow for larger components, side by side mounting, and corner installation.
   3. Features:
      a. Large internal space for installation of active, passive, and cable management components.
      b. Adds 1” of depth; reduces by 1” width to allow for larger components, side by side mounting and corner installation.
      c. Wifi-transparent, engineered plastic delivers up to 15x more wireless pass-through than metal alternatives.
      d. Standardized mounting hole pattern supports patented Primex Rail, Shelf, and Universal Mounting Systems for components.
      e. Multiple entry/exit knockouts on top and bottom support microduct and robust cable runs.
      f. Lightweight design for easy transport and installation.
      g. Optional Side Mount Clips (SMC) available for side mount installation in non-

standard stud spacing.
h. Optional key or hex locks available for enhanced security.
i. UL-compliant and fire-retardancy tested for heightened safety and durability.

B. P3000ND (narrow/deep) Media panel, Multiple Service Providers including Cable and Telco, smart home integrators etc.:
1. Dimensions Inside: H: 30 inches, W: 14 inches, D: 5 inches.
2. Description: The Primex SOHO Pro P3000ND WiFi transparent Media panel (Narrow/Deep model) provides a lockable, centralized location for multi-play and smart home services within residential and commercial premises. The Narrow/Deep model adds 1” of depth and reduces the frame width by 1” to allow for larger components, side by side mounting, and corner installation.
3. Features:
a. Large internal space for installation of active, passive, and cable management components.
b. Adds 1” of depth; reduces by 1” width to allow for larger components, side by side mounting and corner installation.
c. Wifi-transparent, engineered plastic delivers up to 15x more wireless pass-through than metal alternatives.
d. Standardized mounting hole pattern supports patented Primex Rail, Shelf, and Universal Mounting Systems for components.
e. Multiple entry/exit knockouts on top and bottom support microduct and robust cable runs.
f. Lightweight design for easy transport and installation.
g. Optional Side Mount Clips (SMC) available for side mount installation in non-standard stud spacing.
h. Optional key or hex locks available for enhanced security.
i. UL-compliant and fire-retardancy tested for heightened safety and durability.

C. P4200ND (narrow/deep) Media panel, Multiple Service Providers including Cable and Telco, smart home integrators etc.

**** NOTE TO SPECIFIER ** Larger sizes available in 21 inches increments. Contact manufacturer for additional information.**

1. Dimensions Inside: H: 42 inches, W: 14 inches, D: 5 inches.
2. Description: The Primex SOHO Pro P4200ND WiFi transparent Media panel (Narrow/Deep model) provides a lockable, centralized location for multi-play and smart home services within residential and commercial premises. The Narrow/Deep model adds 1” of depth and reduces the frame width by 1” to allow for larger components, side by side mounting, and corner installation.
3. Features:
a. Large internal space for installation of active, passive, and cable management components.
b. Adds 1” of depth; reduces by 1” width to allow for larger components, side by side mounting and corner installation.
c. Wifi-transparent, engineered plastic delivers up to 15x more wireless pass-through than metal alternatives.
d. Standardized mounting hole pattern supports patented Primex Rail, Shelf, and Universal Mounting Systems for components.
e. Multiple entry/exit knockouts on top and bottom support microduct and robust cable runs.
f. Lightweight design for easy transport and installation.
g. Optional Side Mount Clips (SMC) available for side mount installation in non-standard stud spacing.
h. Optional key or hex locks available for enhanced security.

i. UL-compliant and fire-retardancy tested for heightened safety and durability.

D. PR1500N (narrow) Allfield Media panel, Multiple Service Providers including Cable and Telco, smart home integrators etc.:
1. Dimensions Inside: H: 15.4 inches, W: 13.9 inches, D: 3.9 inches.
2. Description: The Primex SOHO Pro PR15000N Wifi transparent Media panel brings fiber inside and forms the center piece of the connected home.
The Narrow model reduces the frame depth by 1” resulting in a lower-profile installation with a hinged lid. It is side by side and corner mountable.
3. Features:
a. Wifi transparent, engineered plastic delivers up to 15x more wireless pass-through than metal alternatives.
b. Narrow frame with hinged lid (1” lower profile than standard model) for low-profile side-by-side or corner installation.
c. Standardized mounting hole pattern supports Primex Rail, Shelf, and Universal Mounting Systems for components.
d. Multiple entry/exit knockouts on top and bottom support microduct and robust cable runs.
e. Knockout for swappable keystone adapter allows front cable connection.
f. Lightweight design allows for easy transport and installation.
g. Optional key or hex locks available for enhanced security.
h. UL-compliant and fire-retardancy tested for heightened safety and durability.

E.

PART 3 EXECUTION

3.1 EXAMINATION

A. Examine conditions under which enclosures are to be installed. Do not proceed with installation until substrates have been properly prepared and deviations from manufacturer's recommended tolerances are corrected.

B. Do not begin installation until substrates have been properly prepared.

C. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

3.2 PREPARATION

A. Clean surfaces thoroughly prior to installation.

B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.

3.3 INSTALLATION

A. Install in accordance with manufacturer's instructions.

B. Enclosures are indicated on Drawings in approximate locations unless dimensioned.

C. Install enclosures and fittings to preserve fire resistance rating of slabs and other elements, using materials and methods specified in Section 07 84 53 - Building Perimeter Firestopping and 16070.

D. Install wall mounted enclosures at elevations to accommodate mounting heights as indicated

on Drawings.

E. Support enclosures independently of conduit.

**** NOTE TO SPECIFIER ** Select the following paragraphs if required and delete if not required.**

3.4 SECURE NETWORK INSTALLATION

A. Strictly comply with manufacturer's installation instructions and recommendations and approved shop drawings. Coordinate installation with adjacent work to ensure proper clearances and to prevent electrical hazards. Ensure installation compliance with site CTTA (and/or DAA (Designated Approval Authority).

B. Mechanical Security: WSSR two piece raceway shall have structurally interlocking base seams and cover seams offset.

C. Raceway Support: Raceway shall be supported by 3 mounting brackets per 10 foot length. Raceway fittings shall be supported by 2 mounting brackets per fitting.

D. All pre-located raceway mounting holes shall be used to secure system in place.

E. Accessories: Provide accessories as required for a complete installation, where required by manufacturer.

3.5 FIRE STOP THRU-WALL/THRU-FLOOR FITTINGS INSTALLATION

A. Prior to and during installation, refer to the system layout or approval drawings containing all elements of the system. Installer shall comply with complete system instruction sheets.

B. The firestop device shall be installed in accordance with the UL Fire Resistance Directory, as well as any applicable codes and standards for general building, electrical and firestopping installation practices.

3.6 PROTECTION

A. Protect installed products until completion of project.

B. Touch-up, repair or replace damaged products before Substantial Completion.

3.7 SCHEDULES

**** NOTE TO SPECIFIER ** Retain Paragraph below if required to suit project requirements. Identify products by name on the Drawings or use this paragraph to define the location of each type of material to be used. The following are some examples of schedule references. Edit as required to suit project or delete and identify products on the Drawings.**

A. :

B. :

END OF SECTION