

SECTION 09209

PLASTER ACCESSORIES

PART 1 - GENERAL

1.1 SUMMARY

- A. Related work specified elsewhere includes:
 - 1. Rough carpentry.
 - 2. ** Finish carpentry and millwork. **
 - 3. ** Metal support systems. **
 - 4. ** furring and lathing. **

 - 5. Plaster.
 - 6. ** Gypsum board systems. **
 - 7. ** Painting. **
 - 8. ** Wallcovering. **

1.2 SUBMITTALS

- A. Product data: Indicate product description, including compliance with specified requirements and installation requirements. Mark manufacturer's brochures to include only those products proposed for use.

1.3 QUALITY ASSURANCE

- A. Applicable standards; standards of the following, as referenced herein:
 - 1. Aluminum Association (AA).
 - 2. American Society for Testing and Materials (ASTM).
- B. ** Allowable tolerances in horizontal planes:
 - 1. Variation from level: +1/8" in 12'-0".
 - 2. Variation in plane of adjacent wallboard panels prior to joint treatment: 1/16". **
- C. ** Allowable tolerances in framed vertical construction.
 - 1. Position: +1/4" maximum variation from design position.
 - 2. Alignment: 1/8" in 8'-0"; 1/4" maximum in any continuous wall, line or surface.
 - 3. Surface smoothness: No joint or fastener location, roughness or blemish discernible after application of finish when viewed at any angle from a distance of 5'-0" under occupancy lighting conditions, with surface preparation as specified in Painting section. **

1.4 DELIVERY, STORAGE AND HANDLING

- A. Storage:
 - 1. Stack accessories off floor on pallets or similar platforms providing continuous support for accessories to prevent sagging. Stack accessories so that long lengths are not over short lengths.
 - 2. Do not overload floor systems.
 - 3. Handle materials to prevent damage to surfaces, edges and ends of sheet metal items. Reject and remove damaged material from site.

RETAIN WARRANTY FOR FLUOROPOLYMER FINISH ONLY.

1.5 ** WARRANTY

- A. Finish warranty: Warrant fluoropolymer coating to remain free, under normal atmospheric conditions, from peeling, checking, cracking, chalking in excess of numerical rating of 8 when measured in accord with ASTM D4214-98, of fading in excess of 5 N. B. S. Units during warranty period. Warranty period shall be 5 years, beginning at Date of Substantial Completion. **

PART 2 - PRODUCTS

2.1 MANUFACTURER:

- A. Acceptable manufacturer; subject to compliance with specified requirements:

Fry Reglet Corporation.
12342 Hawkins St.
Santa Fe Springs, CA 90670

Local Contact: Arcspec, 225 Peterson Rd., Libertyville, IL 60048, phone: 847-362-1590, fax: 847-362-1557

THE FOLLOWING PARAGRAPH IS OPTIONAL AT SPECIFIER'S DISCRETION.

** Accessory systems of similar design and construction, as manufactured by other manufacturers, may be submitted for Architect's consideration. Acceptance is subject to compliance with specified design criteria, as evidenced by submittal of specified product data. Submittals shall comply with requirements of Product Options and Substitutions section. **

2.2 MATERIALS AND FINISH:

SELECT ON OF THE FOLLOWING FINISH OPTIONS.

- A. Anodized finish:

THE FOLLOWING IS THE STANDARD FINISH.

1. Architectural 200R1 medium etch (AA-M32c10A21), clear color.

** OR **

THE FOLLOWING IS A SPECIAL ORDER FINISH.

1. Class II, Architectural 204R1 medium etch 0.40 mils minimum (AA-M12C22A31), clear color.
2. Thickness of anodic coating shall be tested in accord with ASTM B244-97 and sealed to pass modified dye stain test ASTM B136-84(1998).

** OR **

- A. Color anodized finish:

1. Two-step impregnated color Class II Architectural 0.40-0.70 mils (AA-M12C22A33).
2. Thickness of anodic coating shall be tested in accord with ASTM B244-97 and sealed to pass modified dye stain test ASTM B136-84(1998).
3. Color: As selected by Architect from manufacturer's standard color selection.

** OR **

SELECT THE FOLLOWING FINISH WHEN FIELD PRIMING AND PAINTING IS PLANNED.

- A. Chemical conversion coat finish: Treatment of aluminum moldings shall conform with ASTM ND1730-67(1998), Type B.

** OR **

SELECT THE FOLLOWING FINISH WHEN FIELD PAINTING IS PLANNED.

- A. Prime paint: Factory spray and bake-on primer to serve as base for field painting.

2.3 REVEALS:

EDIT THE FOLLOWING PARAGRAPHS BASED ON PROJECT REQUIREMENTS.
VERIFY RADIUS DIMENSIONS WITH MANUFACTURER BEFORE SPECIFYING.

- A. Channel screed:
1. Acceptable product: Number ** PCS. ** DCS. **
 2. Characteristics: Screed shall provide reveal and control joint to plaster walls and ceilings.
 3. Description: Sc
 - b. Material: Extruded aluminum.
 - c. Dimensions: As indicated on drawings.
 - d. ** Radius: ** _ ** As indicated on drawings. **
 - e. ** Ventilation: Provide horizontal vents for air movement. **
- B. 1/4" channel screed:
1. Acceptable product: Number PCS-75-25/25.
 2. Characteristics:
 3. Description: Screed provides narrow profile control joint.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** _ ** As indicated on drawings. **
 - d. ** Radius: ** _ ** As indicated on drawings. **
- C. "V" reveal molding:
1. Acceptable product: Number **PCSV-75.**PCSV-75-Short
 2. Characteristics:
 - a. Description: Molding shall create a "V" shaped reveal.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** _ ** As indicated on drawings. **
 - d. ** Radius: ** _ ** As indicated on drawings. **
- D. "F" reveal molding:
1. Acceptable product: Number ** FDM. ** FPM. **
 2. Characteristics:
 - a. Description: Reveal molding shall form a trim reveal around doors or between walls and floors.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** _ ** As indicated on drawings. **
 - d. ** Radius: ** _ ** As indicated on drawings. **
 - e. ** Ventilation: Provide horizontal vents for air movement. **
- E. "T" reveal molding:
1. Acceptable product: Number TRM
 2. Characteristics:
 - a. Description: Molding shall provide a reveal at junction of dissimilar materials.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** _ ** As indicated on drawings. **
 - d. ** Radius: ** _ ** As indicated on drawings. **
 - e. ** Ventilation: Provide horizontal vents for air movement. **
- F. Plaster key reveal molding:
1. Acceptable product: Number PRZ.
 2. Characteristics:
 - a. Description: Molding shall provide termination and reveal at juncture of walls, plaster ceilings and soffits.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** _ ** As indicated on drawings. **
 - d. ** Radius: ** _ ** As indicated on drawings. **
 - e. ** Ventilation: Provide horizontal vents for air movement. **

- G. Reveal molding:
1. Acceptable product: Number **PRM.
 2. Characteristics:
 - a. Description: Reveal shall provide termination and terminate juncture of walls, plaster ceilings and soffits.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** __ ** As indicated on drawings. **
 - d. ** Radius: ** __ ** As indicated on drawings. **
 - e. ** Ventilation: Provide horizontal vents for air movement. **
- H. Contemporary reveal molding
1. Acceptable product: Number **CDRM**CVPR**
 2. Characteristics:
 - a. Description: Contemporary Reveal Molding provides an attractive vertical or horizontal recess in drywall or veneer plaster that creates the illusion the panels are "floating" in space.
 - b. Material: Extruded aluminum
 - c. Dimensions: As indicated on drawings.
 - d. **Radius:** __ ** As indicated on drawings.

2.4 DRIP SCREEDS:

- A. Stucco drip screed:
1. Acceptable product: Number DS-875-V-875.
 2. Characteristics:
 - a. Description: Screed shall join soffit and fascia while providing a drip joint to prevent water stains on soffit and vertical wall of building.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** __ ** As indicated on drawings. **
 - d. ** Radius: ** __ ** As indicated on drawings. **
 - e. ** Ventilation: Provide horizontal vents for air movement. **
- B. Stucco drip screed:
1. Acceptable product: Number DS.
 2. Characteristics:
 - a. Description: Screed shall join soffit and fascia while providing a drip joint to prevent water stains on soffit and wall of building.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** __ ** As indicated on drawings. **
 - d. ** Radius: ** __ ** As indicated on drawings. **
 - e. ** Ventilation: Provide horizontal vents for air movement. **
- C. Thin stucco drip screed:
1. Acceptable product: Number DS.
 2. Characteristics:
 - a. Description: Screed shall prevent staining of 3/4" stucco soffit surfaces.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** __ ** As indicated on drawings. **
 - d. ** Radius: ** __ ** As indicated on drawings. **
 - e. ** Ventilation: Provide horizontal vents for air movement. **
- D. 5/8" drip screed:
1. Acceptable product: Number DS.
 2. Characteristics:
 - a. Description: Screed shall have 5/8" space dimension on soffit side to support 5/8" soffit material. Screed shall join soffit and fascia while providing a drip joint to prevent water stains on soffit and wall of building.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** __ ** As indicated on drawings. **
 - d. ** Radius: ** __ ** As indicated on drawings. **
 - e. ** Ventilation: Provide horizontal vents for air movement. **

- E. Drip screed:
1. Acceptable product: Number **DS-375-875. ** DS-375-V-875. **
 2. Characteristics:
 - a. Description: Screed shall join soffit and fascia while providing a drip joint to prevent water stains on soffit and wall of building.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** __ ** As indicated on drawings. **
 - d. ** Radius: ** __ ** As indicated on drawings. **
 - e. ** Ventilation: Provide horizontal vents for air movement. **
- F. "F" drip cap:
1. Acceptable product: Number 2221.
 2. Characteristics:
 - a. Description: Cap shall create horizontal reveal and provide an exterior drip cap over top edges of doors and windows.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** __ ** As indicated on drawings. **
 - d. ** Radius: ** __ ** As indicated on drawings. **
- G. Foundation weep screed:
1. Acceptable product: Number FWS-875.
 2. Characteristics:
 - a. Description: Screed shall drain water from behind stucco panels at foundation level to prevent water damage to studs, sills or other parts of substructure.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** __ ** As indicated on drawings. **
 - d. ** Radius: ** __ ** As indicated on drawings. **
 - e. ** Ventilation: Provide horizontal vents for air movement. **

2.5 CONTROL JOINTS:

- A. 2-piece plaster control screed.
1. Acceptable product: Number **DCS.**PC**
 2. Characteristics:
 - a. Description: Screed shall provide control joint in interior plaster and exterior stucco.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** __ ** As indicated on drawings. **
 - d. ** Radius: ** __ ** As indicated on drawings. **

2.6 COLUMN COLLAR:

- A. Column collar:
1. Acceptable product: Column Collar.
 2. Characteristics:
 - a. Description: collar shall provide trim creating a reveal at column/ceiling joint.
 - b. Material: Aluminum molding, plastic spacer and adjustable stainless steel band.

DIAMETERS RANGE FROM 10" TO 48".

 - c. Diameter: ** __ ** As indicated on drawings. **

2.7 SOFFIT VENTS:

- A. Soffit vents:
1. Acceptable product: DS.
 2. Characteristics:
 - a. Description: Vent shall act as drip screed and provide ventilation to areas above soffit.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** __ ** As indicated on drawings. **

- d. ** Radius: ** _ ** As indicated on drawings. **
 - e. ** Ventilation: Provide horizontal vents for air movement. **
- B. 5/8" soffit vent:
- 1. Acceptable product: Number DS-875-5/8-V-300.
 - 2. Characteristics:
 - a. Description: Vent shall function as drip screed and vent for areas above soffit and shall feature a 3/8" long bottom leg to support 5/8" soffit material.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** _ ** As indicated on drawings. **
 - d. ** Radius: ** _ ** As indicated on drawings. **
 - e. ** Ventilation: Provide horizontal vents for air movement. **
- C. Soffit vent:
- 1. Acceptable product: Number DS-375-V-875.
 - 2. Characteristics:
 - a. Description: Vent shall function as drip screed and vent for areas above soffit and shall separate soffit from fascia with reveal and add uniform edge to soffit/fascia joint.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** _ ** As indicated on drawings. **
 - d. ** Radius: ** _ ** As indicated on drawings. **
 - e. ** Ventilation: Provide horizontal vents for air movement. **
- D. Soffit vent:
- 1. Acceptable product: Number **DCS.** **PCS**
 - 2. Characteristics:
 - a. Description: Vent shall provide ventilation to areas above soffit, forming a reveal.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** _ ** As indicated on drawings. **
 - d. ** Radius: ** _ ** As indicated on drawings. **
 - e. ** Ventilation: Provide horizontal vents for air movement. **
- E. Vented soffit molding:
- 1. Acceptable product: Number WPM.
 - 2. Characteristics:
 - a. Description: Molding shall provide reveal and venting for soffits and screed point for applying stucco.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** _ ** As indicated on drawings. **
 - d. ** Radius: ** _ ** As indicated on drawings. **
 - e. ** Ventilation: Provide horizontal vents for air movement. **
- F. Soffit vent E.I.F.S.:
- 1. Acceptable product: Number VFS.
 - 2. Characteristics:
 - a. Description: Vent shall provide drip screed and ventilation to areas above soffit.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** _ ** As indicated on drawings. **
 - d. ** Radius: ** _ ** As indicated on drawings. **
 - e. ** Ventilation: Provide horizontal vents for air movement. **

2.8 CORNERS:

- A. "X" corner molding:
- 1. Acceptable product: Number ** XCM. ** XDM. **PXM.**
 - 2. Characteristics:
 - a. Description: Molding shall create stepped edge at right angle meeting of plaster walls.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** _ ** As indicated on drawings. **
 - d. ** Radius: ** _ ** As indicated on drawings. **

- B. Corner key:
1. Acceptable product: Number PCM-75-75.
 2. Characteristics:
 - a. Description: Key shall provide reinforced plaster corner.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** __ ** As indicated on drawings. **
 - d. ** Radius: ** __ ** As indicated on drawings. **
- C. Fascia corner molding:
1. Acceptable product: Number FCM.
 2. Characteristics:
 - a. Description: Molding shall finish fascia corner where vertical plaster surface meets acoustical or drywall ceiling.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** __ ** As indicated on drawings. **
 - d. ** Radius: ** __ ** As indicated on drawings. **
- D. "J" molding:
1. Acceptable product: Number **JDM.**JPM.**
 2. Characteristics:
 - a. Description: Molding shall be a basic interior/exterior trim used to terminate and finish plaster, stucco, drywall or wood panels.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** __ ** As indicated on drawings. **
 - d. ** Radius: ** __ ** As indicated on drawings. **

2.9 E.I.F.S. MATERIALS:

- A. E.I.F.S. channel screed:
1. Acceptable product: PCS.
 2. Characteristics:
 - a. Description: Screed shall act as a 1/4" ground channel screed, control joint, and reveal details on exterior walls and soffits.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** __ ** As indicated on drawings. **
 - d. ** Radius: ** __ ** As indicated on drawings. **
 - e. ** Ventilation: Provide horizontal vents for air movement. **
- B. E.I.F.S. soffit vent:
1. Acceptable product: Number PCS.
 2. Characteristics:
 - a. Description: Vent shall provide ventilation in soffits.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** __ ** As indicated on drawings. **
 - d. ** Radius: ** __ ** As indicated on drawings. **
 - e. ** Ventilation: Provide horizontal vents for air movement. **
- C. E.I.F.S. Clean Finish soffit vent:
1. Acceptable product: Number SV-75-V-300/EIFS.
 2. Characteristics:
 - a. Description: Vent shall be applied after E.I.F.S. application is complete.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** __ ** As indicated on drawings. **
 - d. ** Radius: ** __ ** As indicated on drawings. **
 - e. ** Ventilation: Provide horizontal vents for air movement. **

- D. Direct application E.I.F.S. soffit vent:
1. Acceptable product: Number DS.
 2. Characteristics:
 - a. Description: Vent shall provide drip screed in stucco or synthetic E.I.F.S. finishes.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** __ ** As indicated on drawings. **
 - d. ** Radius: ** __ ** As indicated on drawings. **
 - e. ** Ventilation: Provide horizontal vents for air movement. **
- E. E.I.F.S. soffit vent (Direct Applied):
1. Acceptable product: Number DRM.
 2. Characteristics:
 - a. Description: Vent shall provide vent in direct applied E.I.F.S. substrates in soffits with an E.I.F.S. system.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** __ ** As indicated on drawings. **
 - d. ** Radius: ** __ ** As indicated on drawings. **
 - e. ** Ventilation: Provide horizontal vents for air movement. **
- F. E.I.F.S. soffit vent:
1. Acceptable product: Number VFS.
 2. Characteristics:
 - a. Description: Vent shall function as drip screed and provide ventilation to areas above soffit.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** __ ** As indicated on drawings. **
 - d. ** Radius: ** __ ** As indicated on drawings. **
 - e. ** Ventilation: Provide horizontal vents for air movement. **
- G. E.I.F.S. drip screed:
1. Acceptable product: Number DS.
 2. Characteristics:
 - a. Description: Screed shall join soffit and fascia while providing drip joint to prevent water stains on soffit and vertical wall of building.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** __ ** As indicated on drawings. **
 - d. ** Radius: ** __ ** As indicated on drawings. **
 - e. ** Ventilation: Provide horizontal vents for air movement. **

2.10 VENEER PLASTER:

- A. Veneer plaster reveal molding:
1. Acceptable product: Number VPR.
 2. Characteristics:
 - a. Description: Reveal molding shall provide a vertical or horizontal reveal in veneer plaster systems.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** __ ** As indicated on drawings. **
 - d. ** Radius: ** __ ** As indicated on drawings. **
- B. Veneer plaster corner:
1. Acceptable product: Number VPCB-100.
 2. Characteristics:
 - a. Description: Corner shall provide corner for veneer plaster systems.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** __ ** As indicated on drawings. **
 - d. ** Radius: ** __ ** As indicated on drawings. **
 - e. ** Ventilation: Provide horizontal vents for air movement. **

- C. Veneer "F" reveal molding:
1. Acceptable product: Number VPRF.
 2. Characteristics:
 - a. Description: Molding shall form wall trim reveal against sill, jamb, ceiling or other finish material.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** __ ** As indicated on drawings. **
 - d. ** Radius: ** __ ** As indicated on drawings. **
 - e. ** Ventilation: Provide horizontal vents for air movement. **
- D. Veneer "Z" reveal molding:
1. Acceptable product: Number VPRZ.
 2. Characteristics:
 - a. Description: Molding shall form trim reveal around doors and windows or between walls and floors.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** __ ** As indicated on drawings. **
 - d. ** Radius: ** __ ** As indicated on drawings. **
 - e. ** Ventilation: Provide horizontal vents for air movement. **
- E. Veneer plaster corner bead:
1. Acceptable product: Number VPCB-100.
 2. Characteristics:
 - a. Description: Bead shall create corner and provide screed points for plaster base and veneer finish.
 - b. Material: Extruded aluminum.
 - c. Dimensions: ** __ ** As indicated on drawings. **
 - d. ** Radius: ** __ ** As indicated on drawings. **

2.11 FASTENERS:

- A. Fasteners: Exposed fasteners (provided by installer) shall be countersunk and shall match accessories in color.
1. Aluminum to aluminum: Aluminum or Type 302 or 304 stainless steel.
 2. Aluminum to stainless steel or carbon steel: Type 302 or 304 stainless steel.

2.12 FABRICATION:

- A. Mounting holes: Provide mounting holes located at 8" o. c.
- B. ** Venting: Vent slots shall be 1" by 1/8" spaced 1-1/2" lengthwise. Each row of vent slots shall provide 1 square inch of free area per lineal foot. **
- C. Make custom miters and intersections with welded corners or with high-strength industrial tape on backs.
- D. Radius shapes shall be as indicated on drawings.

PART 3 - EXECUTION

3.1 INSTALLATION:

- A. Install plaster accessories in accord with manufacturer's product data and as follows:
1. Corner trim: Install at designated corners.
 2. Metal trim shapes: Install at exposed edge of wallboard at door and window openings, at intersections with other materials and at intersection of walls with ceilings.
 3. Install corner beads and metal trim shapes to framing system with mechanical anchors spaced at 8" o. c.
 4. Joint treatment: Finish joints and attachment flanges as specified in ** Plaster ** Stucco ** section.
 5. Dust surfaces and leave ready for decoration. Joint and fastener treatment shall be indistinguishable in finished work.

3.2 PROTECTION

- A. Protect accessories from damage until date of Substantial Completion. Replace accessories which become damaged.

END OF SECTION