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**CFDML-01**

**Control Joint Study (General)**

**Notes:**
Control joints are required and should be located by the designer at the following locations on the construction documents:

- 144 sf (13.4 sm) is the maximum overall area
- One dimension shall not exceed 2-1/2 times the other dimension
- At all dissimilar substrate/sheathing transitions.
- Possibly off corners of windows/doors.
- Increase control joint requirements where thicker stucco or special structural conditions exist.
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**CFDML-06**  
**Water Barrier Design Notes**

2-water barriers required, second is protective overlay of asphalt felt

| Lap felt 2" (50 mm) min. horizontally, 6" (152 mm) vertically | Lap and seal according to manufacturer’s instructions  
| Hint: mark framing locations when installing or align framing marks on wrap | Install following wrap manufacturer’s instructions. Always follow window manufacturer’s instructions |

Lap corners per manufacturer’s instructions

Verify detailing with profiled drainage wrap manufacturer

Minimum requirements: Code Recognized profiled wrap equivalent to Grade D or ASTM D226, Type I

Lap water barriers onto weep screed (shown) or solid metal casing bead with weep holes. Place WRB behind expanded metal casing bead. Lap accessories 1" (25 mm) min. onto foundation and keep 4" (102 mm) above grade
Follow Rollershield LAB Detail instructions

Seal seams and lap onto stucco weep screed or track with Rollershield Flashing Tape

Install following Rollershield LAB details. Always follow window manufacturer's instructions

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Structalath Mega Lath Installation

a. Determine starting point and plan comfortable working length for each lath section.

b. The lath can be unrolled on the ground and pre-cut, or the lath can be unrolled against the wall and then cut. If unrolled on the ground, minimize any undue distortions or stepping on the lath.

c. Ensure when installing that furring points are oriented against the wall.

d. Position the starting end of the lath at the appropriate height. Drive a roofing nail into one of the starting ears, against a vertical wire.

e. Unroll the lath or place lath on the wall taking care it lays flat on the wall surface.

f. Every 6-8 feet drive another roofing nail loosely to position the mesh at the right height. This nail should be between vertical wires. Continue to end of desired lath section.

g. Cut the lath as needed at accessory locations.

h. Pull any slack from the lath and nail the top loosely. Fasten the lath vertically at mid point of the section and fasten the lath vertically every 6 inches (152 mm) or at every pair of Mega Lath twin wires. At either end of the lath section, pull the lath tight either by hand, or by driving nails at an angle and nail off vertically. Once lath is tightened at each end, complete fastening at each stud location.

i. Lap Structalath Mega Lath one mesh width, this is approximately 3/4 inch (17 mm). Lap End laps approximately 1 1/2 inches (38 mm). Vertical laps must occur over a framing member.

j. Fastener types and sizes must be in accordance with ASTM 1063 or in accordance with local building codes or in accordance with engineering drawings and specifications for the project. If staples are being utilized, they should be oriented parallel to the framing member to minimize risk of missing the framing, and puncturing the WRB.

With water barrier installed over weep screed:

1. Attach casing Beads
2. Tack Control Joints
3. Install Structa Lath Mega Lath
4. Set Corner Beads

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Roof Coping Cap with secondary weather protection and continuous cleat over treated nailer. Extend cap 2" (50 mm) min. over stucco and seal lower edge.

**CFDML-29**

**Detail at Roof Cap**

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Cemplaster Mega Lath Conceptual Details

See Foam Shape Data Sheet for Specifics

**Backwrap Method**

The foam shape is adhered to the wall surface using either a full layer of Master Wall adhesive (preferred) or notched trowel adhesive. Shape is backwrapped or pre-wrapped with mesh embedded in Master Wall base coat. Once cured, a Superior Elastomeric Plus Finish is applied to the shape.

**Mesh Transition Method**

The foam shape is adhered to the wall surface using either a full layer of Master Wall adhesive (preferred) or notched trowel adhesive. Mesh is embedded in Master Wall base coat and run onto the wall surface. Once cured, Superior Elastomeric Plus Finish is applied to the shape. Prime the stucco wall with Primecoat Primer before finishing with Superior Elastomeric Plus Finishes to minimize finish absorption variations.

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**CFDML-30**

**Foam Shape Detail**

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Install roofing felt 4” (10 cm) up roof, set roof step flashing and roofing.

Set casing bead or weep screed 1-2” (25-50 cm) above roof line.

Set Kick Out flashing before roofing and set in sealant. Seal where stucco meets flashing.

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