

EXECUTION

Examination · Preparation · Installation · Field Quality Control · Cleaning

1 EXAMINATION

- Verify that supporting structures, substrates, and mounting surfaces are plumb, level, and aligned within tolerances required for product installation.
- Confirm that substrates are structurally adequate to receive design attachment loads including dead load of foam elements and design wind pressures.
- Verify that rough openings, blocking, nailers, and embedded anchors are properly positioned per approved shop drawings before beginning installation.
- Do not proceed with installation until unsatisfactory conditions are corrected. Report discrepancies to Architect before proceeding.

3 INSTALLATION — GENERAL

- Install all elements per manufacturer's written installation instructions and approved shop drawings.
- Maintain plumb and level tolerances of $\pm 1/8$ " per 10 feet of height.
- Assemble sectional elements using manufacturer -recommended adhesives and concealed mechanical fasteners. Stagger joints a minimum of 12 inches from adjacent section joints.
- Install internal armatures and mounting hardware before applying outer elements. Conceal all structural hardware within finished elements.
- Apply compatible flexible sealant at all joints between architectural foam elements and adjacent construction. Tool joints to produce smooth, consistent bead.
- Apply touch-up finish coatings to match factory -applied coatings at field cuts, joints, and any areas of installation damage. Match color, texture, and sheen.
- Do not install foam elements within 3 inches of heat-emitting devices, chimneys, or unprotected luminaires without thermal protection per IBC 2603

2 PREPARATION

- Clean all mounting surfaces of dust, oil, form release, and debris that could impair adhesive bond or fastener engagement.
- Install any required blocking, shims, or leveling plates. Protect adjacent finish surfaces from adhesive, sealant, and coating overspray.
- Prime surfaces where required by adhesive or coating manufacturer.

4 INSTALLATION — COLUMNS SPECIFIC

- Set column base on pre-leveled bearing surface. Align base to column centerline marked on substrate. Secure base with anchor bolts or adhesive per shop drawings.
- Install column shaft sections from base upward. Check plumb in two directions at each section. Apply adhesive at mating surfaces before joining.
- Install capital with adhesive and concealed fasteners. Align capital to column axis.
- At sectional assemblies exceeding 16 feet height, verify that internal armature continuity is maintained through all sections before applying outer foam elements.

5 FIELD QUALITY CONTROL

- Inspect installed elements for plumb, level, and alignment per tolerances specified.
- Verify coating continuity at all joints, penetrations, and field-cut surfaces.
- Confirm sealant joints are fully tooled with no voids or gaps.
- Document any deviations from approved shop drawings and obtain Architect acceptance before Substantial Completion.

6 CLEANING & PROTECTION

- Remove construction debris, adhesive residue, and coating overspray from installed elements.
- Use only mild detergent and water for final cleaning. Do not use abrasive cleaners, solvents, or high-pressure washers that may damage protective coatings.
- Protect installed elements from construction traffic and subsequent trades until project Substantial Completion using temporary padding or protective coverings.

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