

Curtain Wall Initial Inspection Checklist

Date:

Contractor:

Contractor Inspector:

Location:

Inspection Type: ☒ Initial Inspection ☐ Follow-Up Inspection

Attendees:

Substrate:

Y N N/A

- ☐ ☐ ☐ Is substrate acceptable for subcontractor- straight/plumb/true etc.
- ☐ ☐ ☐ Are anchor rods/embeds located correctly
- ☐ ☐ ☐ Has concrete reached required cure strength if applicable?

Materials

Y N N/A

- ☐ ☐ ☐ Glass/Glazing: Verify glass type and color match contract drawings and approved submittals (Glass type 4 and 7)
- ☐ ☐ ☐ Sealants: Verify joint sealant material matches contract drawings and approved submittals- (Dow Corning)
- ☐ ☐ ☐ Mullions/Frame: Verify mullion and frame materials match contract drawings and approved submittals.
- ☐ ☐ ☐ Primer/Coating- Are surfaces coated with shop applied primers and coatings conforming to contract drawings and approved submittals?
- ☐ ☐ ☐ Anchors/Fasteners- Are anchors and fasteners made from corrosion resistant materials

Material Storage:

Y N N/A

- ☐ ☐ ☐ Is material in original containers, undamaged with labels intact?
- ☐ ☐ ☐ Is material stored off ground with dunnage and protection from weather?
- ☐ ☐ ☐ Is material free from damage, dirt, and other contaminants?

Installation-

Y N N/A

- ☐ ☐ ☐ Verify components or pre-assembled panels are checked for shipping damage after uncrating; and size, shape, and thickness of metal extrusions or parts match full size details when available. Check that gauges, patterns, and colors are as approved and match samples.
- ☐ ☐ ☐ Does installation of materials conform to comments on approved shop drawings?
- ☐ ☐ ☐ Verify reveals, alignment, joints are consistent
- ☐ ☐ ☐ Verify anchorage to structure is secure for transfer of wind load and is required and permanently tightened after alignment.
- ☐ ☐ ☐ Verify glazing, trim and sealants match approved sample colors and materials.
- ☐ ☐ ☐ Ensure dissimilar metals and materials are isolated; for example, aluminum, in contact with other metals and cementitious surfaces, may require nylon, polystyrene, or pressure tape, separators or stainless steel bolts.
- ☐ ☐ ☐ Verify weep holes and drainage systems are provided and are clean before and after erection
- ☐ ☐ ☐ Verify joint sealer is provided at shop-assembled joints as required
- ☐ ☐ ☐ Verify debris, such as spray fireproofing, is removed from within curtain wall sections after erection.

Testing/Inspection:

Y N N/A

- ☐ ☐ ☐ Air infiltration testing has been performed and passed? (Attach test results)
- ☐ ☐ ☐ Water infiltration testing has been performed and passed? (Attach test results)
- ☐ ☐ ☐ Has glass manufacturer reviewed installation as required by spec (Provide dates and results of inspections)

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Miscellaneous:

Y N N/A

- ☐ ☐ ☐ Has mockup been thoroughly cleaned and in condition for final review?
☐ ☐ ☐ Is mockup protected from potential damage?
☐ ☐ ☐ Does architect/owner/engineer approve of mockup installation for construction and color?

Items Requiring Corrective Action:

Re-inspection of Corrective Action:

Date of Re-inspection:

Y N N/A

- ☐ ☐ ☐ All deficient items corrected?
☐ ☐ ☐ Has the subcontractor been notified of the issues discovered at the inspection?

Comments:

Signature of Quality Control Engineer: