
**CHECKLIST #0205 FOR THE APPROVAL OF:
CURTAIN WALLS & STOREFRONTS**

- Basic Requirements Checklist.
- One set of the manufacturer's 'approval document'.
- Calculations verifying structural results of the tested structure including:
 - a. Aluminum stresses according to the Aluminum Association Specification,
 - b. Steel stresses according to the AISC Manual,
 - c. Deflection for load carrying members not to exceed L/180, and
 - d. Fasteners and connectors.
- One set of manufacturer's design drawings marked and verified by the testing laboratory.
- Letter from adhesive manufacturer certifying the compatibility of glazing components. (See note 2.)

The following current laboratory tests and test reports in compliance with protocol TAS 301.

- Impact test per TAS 201 & 203. (Applicable if product is impact resistant.)
- Air infiltration test, per TAS 202.
- Uniform static air test, per TAS 202.
- Water resistance test per TAS 202.
- Minimum sample of 1% of the glazed system tested. (See note 2.)

Notes:

1. If curtain wall and/or storefront have plastic as a component, add the plastic checklist to these requirements.
2. This applies to structural glazed curtain walls and storefronts only. Installation of these structural glazed systems requires a special inspector, per FBC.
3. The following equation may be used to calculate the allowable cycle time for specimens larger than 75 ft² and with a width of more than 20 ft. and/or height of more than 8 ft.
Maximum allowable cycle time for specimens over 75 ft² = (area of specimen – 75) x (0.06) +3 seconds. Maximum allowable cycle time for this equation is not to exceed 10 seconds.

