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

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- 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.)
- Thermal Transmittance (U-factor) per checklist G.8 (See note 4)
- Solar Heat Gain Coefficient (SHGC) per checklist G.9 (See note 4)

**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 ft<sup>2</sup> 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 ft<sup>2</sup> = (area of specimen – 75) x (0.06) +3 seconds. Maximum allowable cycle time for this equation is not to exceed 10 seconds.
4. Refer to checklist G.0 - GSA Basic Submittal Requirements for use of this checklist and applicable GSA Template.

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Curtain

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