



**CHECKLIST #0231 FOR THE APPROVAL OF:
LAMINATED GLASS FLOORING & STAIR TREADS**

- Basic Requirements Checklist.
- One set of the manufacturer's "Approval Documents" including:
 - a. Typical cross sections showing all dimensions.
 - b. Assembly details and connections.
 - c. Fasteners type, size and locations.
 - d. Compliance statement w/ ASTM E2751.
 - e. Listing of DCOF (Dynamic Coefficient of Friction) per ANSI A-137.1
- Calculation verifying:
 - a. Glass load resistance per ASTM E1300.
 - b. Frame stress and reactions.
 - c. Deflections per Florida Building Code, Chapter 16.
 - d. Edge support deflection per ASTM E2751.
 - e. Anchoring of main supports to the structure (If part of the approval).
- One set of manufacturer's design drawings marked and verified by the testing laboratory.

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

- Uniform Static Air Pressure Test per TAS 202 (Minimum live load of 125 psf and a safety factor 4:1 apply).
- Impact Test per ANSI Z97.1 with a load of 400 ft. lb.
- Cyclic Test per TAS 203. (If floor is part of the building envelope)
- Concentrated load test per section 6.7 of ASTM E2751.

Notes:

1. Fire rating is not part of this scope of this checklist.
2. If the system has plastic as a component, add the plastic checklist (#0445) to these requirements.
3. Floor must be slip resistant, complying w/ASTM E2751.
4. Stair treads shall require testing if not glazed like floor.

Revised: 6-9-21

Glass Flooring & Stair Treads

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