Glass Load Resistance Report

Glazing Information
- Edge Support: 4 Sides
- Glazing Angle: 90°
- Lite Dimensions:
  - Width: 34.0 in.
  - Height: 90.0 in.

Glass Construction
- Single Glazed Lite {Fully Tempered}
- Nominal Lite Thickness: 1/4 in.

Project Details
- Project Name: Fleetwood Aluminum/Lanai
- Project Location:
- Comments:

Short Load Duration, Resistance, and Deflection Data
- Load (~ 3 sec.):
  - Load Resistance: 20.0 psf
  - Approximate center of glass deflection: 0.23 in.

Conclusion

Based on your design information, the load resistance is greater than or equal to the specified loading.

Statement of Compliance

Procedures followed in determining the resistance of this window glass are in accordance with ASTM E1300-02/03.

Disclaimer:
This software can be used to determine the load resistance of specified glass types exposed to uniform lateral loads of short or long duration subject to the following conditions:
- The glass is free of edge and surface damage and has been properly glazed in the opening in conformance with the manufacturer's recommendations.
- Procedures exist to determine load resistance for rectangular glass assemblies that are:
  a. Continuously supported along all four edges,
  b. Continuously supported along three edges,
  c. Continuously supported along two parallel edges, and
d. Continuously supported along one edge.
- The software user has the responsibility of selecting the correct procedures for the required application from the software.
- The ultimate service life, supporting any glass, shall be sufficient that under design loads, edge deflections shall not exceed L/720, where L denotes the length of the supported edge.

For other limiting conditions that may apply, refer to Section 6 of ASTM E1300 and local building codes.

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Prepared by: [Signature] on 11/16/2005

Oldcastle Glass
Glass Load Resistance Report

**Glazing Information**
- Edge Support: 4 Sides
- Glazing Angle: 90°
- Lite Dimensions:
  - Width: 34.0 in.
  - Height: 90.0 in.

**Project Details**
- Project Name: Fleetwood Aluminum/Lanai
- Project Location:
- Comments:

**Glass Construction**
- Single Glazed Lite { Fully Tempered }
- Nominal Lite Thickness: 1/2 in.

**Short Load Duration, Resistance, and Deflection Data**
- Load (~ 3 sec.): 20.0 psf
- Load Resistance: > 210 psf
- Approximate center of glass deflection: 0.01 in.

**Conclusion**
Based on your design information, the load resistance is greater than or equal to the specified loading.

**Statement of Compliance**
Procedures followed in determining the resistance of this window glass are in accordance with ASTM E1300-02/03.

**Disclaimer:**
This software can be used to determine the load resistance of specified glass types exposed to uniform lateral loads of short or long duration subject to the following conditions:
- The glass is free of edge and surface damage and has been properly glazed in the opening in conformance with the manufacturer’s recommendations.
- Procedures exist to determine load resistance for rectangular glass assemblies that are:
  a. Continuously supported along all four edges,
  b. Continuously supported along three edges,
  c. Continuously supported along two parallel edges, and
  d. Continuously supported along one edge.
- The software uses the responsibility of selecting the correct procedures for the required application from the software.
- The stiffness of members supporting any glass edge shall be sufficient that under design load, edge deflections shall not exceed L/175, where L denotes length of the supported edge.

For details limiting conditions that may apply, refer to Section 5 of ASTM E1300 and local building codes.

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Prepared by: ___ on 11/16/2005

Oldcastle Glass
Glass Load Resistance Report

Glazing Information
Edge Support: 4 Sides
Glazing Angle: 90°
Lite Dimensions:
  Width: 34.0 in.
  Height: 90.0 in.

Project Details
Project Name: Fleetwood Aluminum/Lanai
Project Location:
Comments:

Glass Construction
Double Glazed Insulating Unit
Outboard Lite: { Fully Tempered }
Nominal Lite Thickness: 1/4 in.
Inboard Lite: { Fully Tempered }
Nominal Lite Thickness: 1/4 in.

Short Load Duration, Resistance, and Deflection Data
Load (~ 3 sec.): 20.0 psf
Load Resistance: > 210 psf
Approximate center of glass deflection: 0.12 in.

Conclusion
Based on your design information, the load resistance is greater than or equal to the specified loading.

Statement of Compliance
Procedures followed in determining the resistance of this window glass are in accordance with ASTM E1300-02/03.

Disclaimer:
This software can be used to determine the load resistance of specified glass types exposed to uniform lateral loads of short or long duration subject to the following conditions:
- The glass is free of edge and surface damage and has been properly glazed in the opening in conformance with the manufacturer's recommendations.
- Procedures exist to determine load resistance for rectangular glass assemblies that are:
  a. Continuously supported along all four edges,
  b. Continuously supported along three edges,
  c. Continuously supported along two parallel edges, and
  d. Continuously supported along one edge.
- The software user has the responsibility of selecting the correct procedures for the required application from the software.
- The stiffness of members supporting any glass edge shall be sufficient that under design load, edge deflections shall not exceed 1/175, where L denotes the length of the supported edge.

For other limiting conditions that may apply, refer to Section 5 of ASTM E1300 and local building codes.

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Prepared by: [Signature] on 11/16/2005
Oldcastle Glass

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Glass Load Resistance Report

Glazing Information

Edge Support: 4 Sides
Glazing Angle: 90°
Lite Dimensions:
  Width: 34.0 in.
  Height: 90.0 in.

Project Details

Project Name: Fleetwood Aluminum/Lanai
Project Location:
Comments:

Glass Construction

Single Glazed Lite { Fully Tempered }
Outboard Ply Thickness: 1/4 in.
Interlayer Thickness: 0.030 in.
Inboard Ply Thickness: 1/4 in.
Nominal Lite Thickness: 1/2 in.

Short Load Duration, Resistance, and Deflection Data

Load (~ 3 sec.): 20.0 psf
Load Resistance: > 210 psf
Approximate center of glass deflection: 0.1 in.

Conclusion

Based on your design information, the load resistance is greater than or equal to the specified loading.

Statement of Compliance

Procedures followed in determining the resistance of this window glass are in accordance with ASTM E1300-02/03.

Disclaimer:

This software can be used to determine the load resistance of specified glass types exposed to uniform lateral loads of short or long duration subject to the following conditions:

- The glass is free of edge and surface damage and has been properly glazed in the opening in conformance with the manufacturer's recommendations.
- Procedures exist to determine load resistance for rectangular glass configurations that are:
  a. Continuously supported along all four edges,
  b. Continuously supported along three edges,
  c. Continuously supported along two parallel edges, and
  d. Continuously supported along one edge.
- The software user has the responsibility of selecting the correct procedures for the required application from the software.
- The stiffness of members supporting any glass edge shall be sufficient that under design load, edge deflections shall not exceed 0.17L/R,
where L denotes the length of the supported edge.
- The non-load duration load values for terminated glaze are representative of test data and calculations performed for polycarbonate interlayer at a temperature of 80°F (120°F).

For other limiting conditions that may apply, refer to Section 5 of ASTM E1300 and local building codes.

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11/16/2005