Engineering Evaluation Report - January 19, 2024

Manufacturer: Powers Steel & Wire Products, Inc.
4118 E. Elwood
Phoenix, AZ 85040

Product Line:
Powerbox8 [steel box lintel - FL11383]

Product description:
8" thru 40" deep Powerbox8 lintels, gravity, lateral, and uplift.

Compliance:

The above mentioned product(s) has been evaluated for compliance with the requirements of the Florida Department of Business and Professional Regulation for Statewide Acceptance per Rule 61G20-3. To the best of my knowledge, the product(s) comply with the Florida Building Code 2023, 8th Edition.

Supporting technical documents:

Design tables and calculations, prepared by S.E. Consultants, Inc. from information supplied by Powers Steel & Wire Products, Inc., signed and sealed by Mr. Steven W. Schaub, P.E.

Limitations and conditions of use:

1) The lintels shall not exceed the allowable (superimposed) design loads and spans shown in this report.

2) The lintels shall not be used in a fire resistance rated assembly unless a test report documenting fire resistance is submitted to the building official.

3) A proper barrier is required when using corrosive lumber products in contact with the steel lintels. A proper barrier would be a polyethylene barrier with a 10 mil thickness or to maintain a minimum 1/4 inch spacing between the corrosive lumber and steel lintel.

4) These load tables are not approved for use in HVHZ in Miami or Broward counties at this time.

Installation:

Installation shall be in accordance with the installation instructions, prepared by S.E. Consultants, Inc. and with the most stringent of manufacturer requirements and the Florida Building Code 2023, 8th Edition.

Certificate of independence:

I do not have nor will I seek to acquire a financial interest in any company manufacturing or distributing the product(s) for which this report is being issued. I do not have nor will I seek to acquire financial interest in any other entity involved in the approval process for which this report is being issued.

Conclusions are limited to the items indicated for this project only. Further, it is the client's responsibility to contact S.E. Consultants, Inc., if as-built conditions change from the time of our review.

Submitted by

S.E. Consultants, Inc.

STEVEN W. SCHAUB
LICENSE
No. 60509
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Steven W. Schaub, P.E.
President

JAN 19 2024