



City of Rockledge

Wind Borne Debris/ Shutter Affidavit

Job Address: _____

I, _____, owner of the above referenced property; hereby accept the responsibility for compliance with the 2007 Florida Building Code, Table 1609.1.2. I understand that this means that opening protection for windows installed in a wind borne debris area must be installed in compliance with Florida State Statutes. I also affirm that I reside at the above referenced address.

1609.1.2 Protection of openings.

In wind-borne debris regions, exterior glazing that receives positive pressure in the lower 60 feet (18.3 m) in buildings shall be assumed to be openings and the balance of glazed openings in the rest of the building shall be assumed to be zero unless such glazing that receives positive pressure is impact resistant or protected with an impact resistant covering meeting the requirements of SSTD 12, ASTM E 1886 and ASTM E 1996, ANSI/DASMA 115 for garage doors and rolling doors or Miami-Dade TAS 201, 202 and 203 or AAMA 506 referenced therein as follows:

1. Glazed openings located within 30 feet (9.1 m) of grade shall meet the requirements of the Large Missile Test.
2. Glazed openings located more than 30 feet (9.1 m) above grade shall meet the provisions of the Small Missile Test.
3. Storage sheds that are not designed for human habitation and that have a floor area of 720 square feet (67 sm) or less are not required to comply with the mandatory windborne debris impact standards of this code.
4. Openings in sunrooms, balconies or enclosed porches constructed under existing roofs or decks are not required to be protected provided the spaces are separated from the building interior by a wall and all openings in the separating wall are protected in accordance with Section [1609.1.2](#). Such spaces shall be permitted to be designed as either partially enclosed or enclosed structures.

Exceptions:

1. Wood structural panels with a minimum thickness of 7 / 16 inch (11.1 mm) and maximum panel span of 8 feet (2438 mm) shall be permitted for opening protection in one- and two-story buildings. Panels shall be precut to cover the glazed openings with attachment hardware provided. Attachments shall be designed to resist the components and cladding loads determined in accordance with the provisions of ASCE-7. Attachment in accordance with Table [1609.1.2](#) is permitted for buildings with a mean roof height of 45 feet (13 716 mm) or less where wind speeds do not exceed 140 mph (63 m/s)
2. Buildings in Category I as defined in Section [1604.5](#), including production greenhouses on a production or research basis, without public access shall be permitted to be unprotected.

**TABLE 1609.1.2
WIND-BORNE DEBRIS PROTECTION FASTENING SCHEDULE FOR WOOD
STRUCTURAL PANELS**

FASTENER TYPE	FASTENER SPACING (inches) ^{1,2}			
	Panel span 2 feet	2 feet < Panel span < 4 feet	4 feet < Panel span < 6 feet	6 feet < Panel span < 8 feet
#8 Wood screw-based anchor with 2-inch embedment length ³	16	16	10	8
#10 Wood screw-based anchor with 2-inch embedment length ³	16	16	12	9
¼ Lag screw-based anchor with 2-inch embedment length ³	16	16	16	16

For SI: 1 inch = 25.4 mm, 1 foot = 305 mm

1. This table is based on a maximum wind speed of 140 mph (63 m/s) and mean roof height of 45 feet (13 716 mm) or less.
2. Fasteners shall be installed at opposing ends of the wood structural panel.
3. Where screws are attached to masonry or masonry/stucco, they shall be attached using vibration-resistant anchors having a minimum withdrawal capacity of 1500 lb (6673 kN)

Name: (Signature) _____

Address: _____

City & State: _____

Telephone: _____

Sworn to and subscribed before me this ____ day of _____ 20____, by _____, who is personally known to me or who has produced the following as identification _____

Signature of Notary: _____

Printed Name of Notary: _____