

# SHUTTERS-SUN/RAIN

## Please submit/upload plans in PDF format

Please indicate items submitted with a checkmark (√)

Please upload [this Checklist and any Required Forms](#) in .pdf format to the appropriate category [<Survey>](#) [<Building Plans>](#) [<Supporting Docs>](#) [<NOA>](#) following the TOJ Naming Convention found in Help Documents

Create online as: **Residential Shutter (1 or 2 family dwelling or townhouse)**  
**Commercial Shutter (Multi-Family dwelling or commercial building)**

**30% of permit fees due with this application. Balance of fees (building, impact, etc.) due at time of permit issuance. All subcontractor permits shall be issued prior to commencing work.**

### DEFINITION:

**This type of shutter, shade or window covering is NOT designed to provide protection from high winds or wind born debris. It is **NON-STRUCTURAL** in nature and its sole purpose is to provide relief from the sun and light rains. It MUST be removed or properly secured during periods of high winds.**

#### 1. Plans [<Building Plans>](#)

- a. Provide a Plan/Layout Identifying Shutter Location, Size & Means of Egress \_\_\_\_\_
- b. Identify details of support structure construction at window and door openings \_\_\_\_\_

#### 2. Supporting Documents [<Supporting Docs>](#)

- a. Wind Load Information about Host Structure: Required Design Pressures, Mean Roof Height, Wind Exposure Category & Zones (Mark the Tables included) \_\_\_\_\_
- b. Owner/Builder Affidavit, if applicable \_\_\_\_\_
- c. Product Approvals with Cover Pages, Product Indicated & Installation Instructions \_\_\_\_\_

#### 3. Product Approval [<NOA>](#)

- a. Provide Product Approvals as required
  - State of Florida Product Approval with installation instructions engineered plans (Be sure to mark the **EXACT** product number) \_\_\_\_\_
  - Miami-Dade Notice of Acceptance (NOA) with installation Instruction \_\_\_\_\_
  - Engineer signed/sealed plans and calculations for custom design \_\_\_\_\_
- b. Information required from product approval:
  - **ALL** project specific details shall be Identified/Marked/Circled on product Approval Installation Instructions \_\_\_\_\_

### IMPORTANT NOTICE

**IF RESIDENT LIVES IN DEED RESTRICTED COMMUNITY  
PLEASE CONTACT HOA TO DETERMINE IF ASSOCIATION APPROVAL IS REQUIRED  
TOJ BUILDING DEPARTMENT CANNOT ENFORCE ASSOCIATION REGULATIONS**

**TOWN OF JUPITER BUILDING DIVISION**  
210 Military Trail, Jupiter, Florida 33458  
(561) 746-2286

**SHUTTER SUN/RAIN  
AFFIDAVIT**

Address: \_\_\_\_\_ Permit Number: \_\_\_\_\_

I am fully aware and understand that installation of a Shutter Sun/Rain does not provide protection from high winds or wind born debris. Its sole purpose is to provide relief from the sun and light rains at wall openings. I also understand and accept that it is my responsibility to remove or properly secure them during periods of high winds.

Owner: \_\_\_\_\_  
Print

Signature: \_\_\_\_\_

**TOWN OF JUPITER BUILDING DEPARTMENT**  
210 Military Trail, Jupiter, Florida 33458  
Phone (561) 741-2286 Fax (561) 741-0911

# Wind Exposure B

## Zone 4

		Building Height									
		15	20	25	30	35	40	45	50	55	60
Area	10+/-	+25.6	+27.8	+29.3	+31.2	+32.8	+34.0	+34.9	+36.2	+37.1	+38.0
		-27.7	-30.0	-31.7	-33.8	-35.5	-36.8	-37.9	-39.2	-40.2	-41.2
	20+/-	+24.4	+26.5	+28.0	+29.8	+31.3	+32.5	+33.4	+34.6	+35.5	+36.4
		-26.5	-28.8	-30.5	-32.4	-34.0	-35.3	-36.3	-37.6	-38.6	-39.5
	50+/-	+22.9	+24.8	+26.2	+27.9	+29.3	+30.4	+31.2	+32.4	+33.2	+34.0
		-25.0	-27.2	-28.8	-30.6	-32.1	-33.4	-34.3	-35.5	-36.4	-37.3
	100+/-	+21.7	+23.6	+24.9	+26.5	+27.8	+28.9	+29.7	+30.7	+31.5	+32.3
		-24.0	-26.0	-27.4	-29.2	-30.7	-31.8	-32.7	-33.9	-34.7	-35.6
	500+/-	+19.1	+20.7	+21.9	+23.3	+24.5	+25.4	+26.1	+27.0	+27.7	+28.4
		-21.2	-23.0	-24.3	-25.9	-27.2	-28.2	-29.0	-30.0	-30.8	-31.6

## Zone 5

		Building Height									
		15	20	25	30	35	40	45	50	55	60
Area	10+/-	+25.6	+27.8	+29.3	+31.2	+32.8	+34.0	+34.9	+36.2	+37.1	+38.1
		-34.3	-37.2	-39.3	-41.8	-43.9	-45.6	-46.8	-48.5	-49.7	-51.0
	20+/-	+24.4	+26.5	+28.0	+29.8	+31.3	+32.5	+33.4	+34.6	+35.5	+36.4
		-31.9	-34.6	-36.6	-38.9	-40.8	-42.4	-43.6	-45.1	-46.3	-47.5
	50+/-	+22.9	+24.8	+26.2	+27.9	+29.3	+30.4	+31.2	+32.4	+33.2	+34.0
		-28.9	-31.4	-33.2	-35.3	-37.1	-38.5	-39.5	-40.9	-42.0	-43.1
	100+/-	+21.7	+23.6	+24.9	+26.5	+27.8	+28.9	+29.7	+30.7	+31.5	+32.3
		-26.6	-28.8	-30.5	-32.4	-34.0	-35.3	-36.3	-37.6	-38.6	-39.5
	500+/-	+19.1	+20.7	+21.9	+23.3	+24.5	+25.4	+26.1	+27.0	+27.7	+28.4
		-21.2	-23.0	-24.3	-25.9	-27.2	-28.2	-29.0	-30.0	-30.8	-31.6

# Town of Jupiter

## Wind Design Pressure Chart

**For structures subject to Florida Residential Code 170mph Exposure B**

Wall component and Cladding pressures from Table R302.2(2)  
modified by adjustment factors from R301.2(3)

# Wind Exposure C

## Zone 4

		Building Height									
		15	20	25	30	35	40	45	50	55	60
<b>Area</b>	10+/-	+37.8	+40.2	+42.1	+43.7	+45.2	+46.5	+47.7	+48.7	+49.6	+50.5
		-40.9	-43.6	-45.6	-47.3	-49.0	-50.4	-51.7	-52.7	-53.7	-54.8
	20+/-	+36.0	+38.4	+40.2	+41.7	+43.2	+44.4	+45.6	+46.5	+47.4	+48.3
		-39.2	-41.8	-43.7	-45.4	-47.0	-48.3	-49.6	-50.5	-51.5	-52.5
	50+/-	+33.8	+36.0	+37.7	+39.1	+40.5	+41.6	+42.7	+43.5	+44.4	+45.2
		-37.0	-39.5	-41.3	-42.8	-44.4	-45.6	-46.8	-47.7	-48.7	-49.6
	100+/-	+32.1	+34.2	+35.8	+37.1	+38.4	+39.5	+40.5	+41.3	+42.1	+42.9
		-35.3	-37.7	-39.4	-40.9	-42.3	-43.5	-44.7	-45.6	-46.4	-47.3
	500+/-	+28.2	+30.1	+31.5	+32.6	+33.8	+34.7	+35.6	+36.3	+37.0	+37.7
		-31.3	-33.4	-35.0	-36.3	-37.6	-38.6	-39.6	-40.4	-41.2	-42.0

## Zone 5

		Building Height									
		15	20	25	30	35	40	45	50	55	60
<b>Area</b>	10+/-	+37.8	+40.2	+42.1	+43.7	+45.2	+46.5	+47.7	+48.7	+49.6	+50.5
		-50.6	-54.0	-56.4	-58.5	-60.6	-62.3	-64.0	-65.2	-66.5	-67.7
	20+/-	+36.0	+38.4	+40.2	+41.7	+43.2	+44.4	+45.6	+46.5	+47.4	+48.3
		-47.0	-50.2	-52.5	-54.5	-56.4	-58.0	-59.5	-60.7	-61.9	-63.0
	50+/-	+33.8	+36.0	+37.7	+39.1	+40.5	+41.6	+42.7	+43.5	+44.4	+45.2
		-42.7	-45.5	-47.7	-49.4	-51.2	-52.6	-54.0	-55.1	-56.1	-57.2
	100+/-	+32.1	+34.2	+35.8	+37.1	+38.4	+39.5	+40.5	+41.3	+42.1	+42.9
		-39.2	-41.8	-43.8	-45.3	-47.0	-48.3	-49.6	-50.5	-51.5	-52.5
	500+/-	+28.2	+30.0	+31.5	+32.6	+33.8	+34.7	+35.6	+36.3	+37.0	+37.7
		-31.3	-33.4	-35.0	-36.3	-37.6	-38.6	-39.6	-40.4	-41.2	-42.0

# Town of Jupiter

## Wind Design Pressure Chart

**For structures subject to Florida Residential Code 170mph Exposure C**

Wall component and Cladding pressures from Table R302.2(2)  
modified by adjustment factors from R301.2(3)

# Wind Exposure D

## Zone 4

		Building Height									
		15	20	25	30	35	40	45	50	55	60
<b>Area</b>	10+/-	+45.9	+48.4	+50.2	+51.8	+53.0	+54.3	+55.5	+56.5	+57.4	+58.3
		-49.7	-52.4	-54.4	-56.1	-57.5	-58.8	-60.2	-61.2	-62.2	-63.2
	20+/-	+43.8	+46.2	+48.0	+49.5	+50.7	+51.9	+53.0	+54.0	+54.8	+55.7
		-47.6	-50.2	-52.2	-53.8	-55.1	-56.4	-57.7	-58.6	-59.6	-60.6
	50+/-	+41.0	+43.2	+45.0	+46.3	+47.4	+48.5	+49.7	+50.5	+51.3	+52.2
		-45.0	-47.4	-49.3	-50.8	-52.0	-53.2	-54.5	-55.4	-56.3	-57.2
	100+/-	+39.0	+41.1	+42.7	+44.0	+45.0	+46.1	+47.2	+48.0	+48.8	+49.6
		-42.9	-45.3	-47.0	-48.5	-49.6	-50.8	-52.0	-52.9	-53.7	-54.6
	500+/-	+34.3	+36.1	+37.5	+38.7	+39.6	+40.5	+41.5	+42.2	+42.9	+43.6
		-38.1	-40.2	-41.7	-43.0	-44.0	-45.1	-46.1	-46.9	-47.7	-48.3

## Zone 5

		Building Height									
		15	20	25	30	35	40	45	50	55	60
<b>Area</b>	10+/-	+45.9	+48.4	+50.2	+51.8	+53.0	+54.3	+55.5	+56.5	+57.4	+58.3
		-61.4	-64.8	-67.3	-69.4	-71.1	-72.7	-74.4	-75.7	-76.9	-78.2
	20+/-	+43.8	+46.2	+48.0	+49.5	+50.1	+51.9	+53.0	+54.0	+54.8	+55.7
		-57.2	-60.3	-62.6	-64.6	-66.1	-67.7	-69.2	-70.4	-71.6	-72.7
	50+/-	+41.0	+43.2	+45.0	+46.3	+47.4	+48.5	+49.7	+50.5	+51.3	+52.2
		-51.9	-54.7	-56.8	-58.6	-60.0	-61.4	-6.8	-63.9	-65.0	-66.0
	100+/-	+39.0	+41.1	+42.7	+44.0	+45.0	+46.1	+47.2	+48.0	+48.8	+49.6
		-47.6	-50.2	-52.2	-53.8	-55.0	-56.4	-57.7	-58.6	-59.6	-60.6
	500+/-	+34.3	+36.1	+37.5	+38.7	+39.6	+40.5	+41.5	+42.2	+42.9	+43.6
		-38.1	-40.1	-41.7	-43.0	-44.0	-45.1	-46.1	-46.9	-47.7	-48.4

# Town of Jupiter

## Wind Design Pressure Chart

**For structures subject to Florida Residential Code 170mph Exposure D**

Wall component and Cladding pressures from Table R302.2(2)  
modified by adjustment factors from R301.2(3)