

CYCLIC TEST PROCEDURES

TAS 203 (FBC HVHZ – Miami-Dade)

Fatigue Test – Used on Shutters:

	Inward (+ve)			Outward (-ve)		
Stage #	1	2	3	4	5	6
Load Range	0.0 – 0.5	0.0 – 0.6	0.0 – 1.3	0.0 – 0.5	0.0 – 0.6	0.0 – 1.3
Cycles	600	70	1	600	70	1

Glazed Products:

	Inward (+ve)				Outward (-ve)			
Stage #	1	2	3	4	5	6	7	8
Load Range	0.2 – 0.5	0.0 – 0.6	0.5 - 0.8	0.3 – 1.0	0.3 – 1.0	0.5 – 0.8	0.0 – 0.6	0.2 – 0.5
Cycles	3500	300	600	100	50	1050	50	3350

ASTM E1886/E1996 (FBC Non-HVHZ):

	Inward (+ve)				Outward (-ve)			
Stage #	1	2	3	4	5	6	7	8
Load Range	0.2 – 0.5	0.0 – 0.6	0.5 - 0.8	0.3 – 1.0	0.3 – 1.0	0.5 – 0.8	0.0 – 0.6	0.2 – 0.5
Cycles	3500	300	600	100	50	1050	50	3350

Mill Thickness of Plastic Used: 2 mil

Is there a test for Louvers? Yes

REQUIREMENTS FOR DECORATIVE SHUTTERS: Three (3) identical units need to be tested per TAS 202 (static only) to check the anchoring and the operability if any. This is for the Florida Building Code (HVHZ). Even though they need to test per ASTM E330, they do not have to get any type of approval.

TESTING FOR IBC: We test for IBC. IBC uses all of the ASTM standards we test for. Labs do not give approvals, so you would not get a number from us. You would have to turn in our test reports to whomever you need the approval from that is asking you to test per the IBC. The International Building Code does not approve products. It's just a building code for you to follow in whatever area it's used at. Our test report will show the test results from your testing.