

SEMINOLE HARD ROCK HOTEL AND CASINO — HOLLYWOOD, FLORIDA

Architect: Klai Juba Wald Architects
Contractor: Suffolk Construction
Representative: CAVH HVAC

This new 1.5 billion dollar hotel is the first of its kind to be designed to resemble an authentic guitar. The hotel is 36 stories high and has over 600 suites as well as a 41,000 square foot spa, lagoon pool, lake, shops, and restaurants. This project is part of a two-year expansion. The original resort includes a casino, event center, parking garage and an additional 8-story hotel.

Pottorff supplied Miami-Dade Certified louvers for this project.

5 year
warranty

POTTORFF®

www.pottorff.com

A single hurricane stirs up millions of miles of air and can dump more than 2.4 trillion gallons (9 trillion liters) of rain a day.

"Hurricanes: Engines of Destruction" National Geographic. October, 2011



MIAMI-DADE CERTIFIED LOUVERS

Pottorff's Miami-Dade Certified louvers are engineered and tested to withstand extreme loads, debris impact, and cyclic fatigue failure associated with the severe weather effects of hurricanes.

ECD-545-MD Wind-Driven Rain Louver

Max Size: Single Section: 60" x 144"
Multi-Section: Unlimited width x 144"
or 60" x Unlimited height

AMCA Certified for Water Penetration, Air Performance and Wind-Driven Rain.

AMCA 540 Impact Resistant (Enhanced Protection)

AMCA 550 High Velocity Rain Resistant

ECV-645-MD Vertical Blade Louver

Max Size: Single Section: 60" x 120"
Multi-Section: Unlimited width x 120"

AMCA Certified for Water Penetration, Air Performance and Wind-Driven Rain.

AMCA 540 Impact Resistant (Enhanced Protection)

AMCA 550 High Velocity Rain Resistant

EFD-637-MD Drainable Blade Louver

Max Size: Single Section: 48" x 144"
Multi-Section: Unlimited width x 144"
or 48" x Unlimited height

AMCA Certified for Water Penetration and Air Performance

The **EFD-637-MD** has specially designed water resistant seam covers to enhance performance and aesthetics.

EFJ-937-MD Dual-Module - Wind-Driven Rain Louver

Max Size: Single Section: 60" x 120"
Multi-Section: Unlimited width x 120"

AMCA Certified for Water Penetration, Air Performance and Wind-Driven Rain.

AMCA 540 Impact Resistant (Enhanced Protection)

AMCA 550 High Velocity Rain Resistant

EXA-645-MD Combination Louver

Max Size: Single Section: 60" x 120"
Multi-Section: Unlimited width x 120"

AMCA Certified for Water Penetration and Air Performance.

AMCA 540 Impact Resistant (Basic Protection)

EAJ-1235-MD Acoustic Louver

Max Size: Single Section: 60" x 120"
Multi-Section: Unlimited width x 120"
or 60" x Unlimited height

AMCA Certified for Water Penetration, Sound, and Air Performance

AMCA 540 Impact Resistant (Basic Protection)

MODEL	DEPTH (in)	BLADE ANGLE	BLADE STYLE	FREE AREA (%) (Sq. Ft.)	LOUVER DESIGNATION	BEGINNING POINT OF WATER PENETRATION RATINGS						DESIGN LOAD (psf)	AMCA CERT.	AMCA 540	AMCA 550	FLORIDA BUILDING CODE
						VELOCITY (fpm)	AIRFLOW (cfm)		PRESSURE DROP (in. Wg.)							
ECD-545-MD	5	45°	HORIZ	41.9% 6.7	WIND DRVN RAIN	1250	8388		0.21		150	WP/AP/W	●	●*	●	
ECV-645-MD	6	45°	VERT	46.0% 7.4	WIND DRVN RAIN	1250	9250		0.15		150	WP/AP/W	●	●	●	
EFD-637-MD	6	37.5°	HORIZ	54.6% 8.7	DRAINABLE	1100	9600		0.14		150	WP/AP	—	—	●	
EFJ-937-MD	9	37°	HORIZ	53.9% 8.6	DUAL MODULE	1250	10775		0.48		130	WP/AP/W	●	●	●	
EXA-645-MD	6.125	37.5°–45°	COMBO	48.1% 7.7	COMBINATION	1076	8281		0.12		120	WP/AP	●	—	●	
ACOUSTIC LOUVER					CENTER FREQ (hz) ▶	125	250	500	1K	2K	4K					
EAJ-1235-MD	12	35°	HORIZ	30.6% 4.9	NOISE REDUCTION ▶	12	14	18	21	19	16	150	WP/S/AP	●	—	●

* Applies when the CD-51 damper option is utilized and the damper is in the closed position.