

Exotic Shades & Draperies

Custom window treatments & home automation · South Florida & beyond



CASE STUDY

The Hemispheres · Hallandale Beach

Somfy Sonesse 30 Zigbee rollers in Mermet Elba Daylight, Limestone, with Elba Twilight blackout in the bedroom · about two and a half inches of clearance, solved with a custom lacquered basswood valance and a 60-degree corner cut on the spot · every shade synchronized, on TaHoma with a Somfy Zigbee wall-mounted remote, Apple Home and Siri · caulking at every edge.



A condo at **The Hemispheres**, on Hallandale Beach Boulevard between the water and the beach, that looks two ways – down the canal on one side, out over the towers to the ocean on the other – through wraparound windows that meet at angled corners. The owners wanted shades that belonged to their furniture, so a good part of the job came before the first measurement: matching the fabric. We landed on **Mermet Elba in Limestone**, a bold, textured weave that comes as a pair – **Elba Daylight**, light-filtering under 1% openness, in the living areas, and **Elba Twilight**, the blackout twin in the same colour, in the bedroom. The hard part was the depth: **about two and a half inches** above the glass, not enough for a standard fascia. The answer was a **custom lacquered basswood valance** made to each opening, with a **60-degree angle added at the corner and cut on the spot** so the two runs close in a miter. The widest opening went a step further: one shade spans **110 inches** in that same depth, on a **special reinforced tube** that carries the full width without the bow a standard tube would take. Every shade runs on a **Somfy Sonesse 30 Zigbee** motor behind a **TaHoma**, and the shades are **synchronized** – they move at the same time, so the wraparound rises as one line – from a **Somfy Zigbee wall-mounted remote**, the app, Apple Home and Siri. And every window edge was caulked, so the bedroom blackout is a real blackout.

PROJECT AT A GLANCE

BUILDING	The Hemispheres · Hallandale Beach Boulevard, Hallandale Beach, FL · canal on one side, ocean on the other · wraparound windows with angled corners
LIVING AREAS	Mermet Elba Daylight, Limestone · textured light-filtering roller fabric · under 1% openness · over 99% UV blockage · matched to the owners' furniture
BEDROOM	Mermet Elba Twilight, Limestone · the blackout twin · 0% openness · caulked at every edge for true dark
THE VALANCE	About 2.5 in of clearance above the glass · custom lacquered basswood valance made to each opening · 60-degree angle at the corner, cut on site · one 110 in shade on a special reinforced tube in the same depth
MOTORS & CONTROL	Somfy Sonesse 30 Zigbee, 24 V DC, on every shade, all synchronized to move at the same time · Somfy TaHoma · Somfy Zigbee wall-mounted remote, TaHoma app, Apple Home and Siri
DELIVERY	Fabric selection, measurement, fabrication, installation and programming by our own team

The detail that mattered

The corner. Two windows meet at an angle under a valance that had two and a half inches to work with, so the valance was given a 60-degree return and cut on the spot – a miter you can only close with the pieces in your hands, on site, with the view behind you.

Fabric & hardware schedule

AREA	TREATMENT	FABRIC · COLOR	OPENNESS	MOTOR / CONTROL
Living areas · wraparound and corner windows	Motorized roller shades behind a custom lacquered basswood valance made to each opening; 60-degree return at the corner, cut on site	Mermet Elba Daylight · Limestone · polyester with an acrylic coating · 118 in	Under 1%	Sonesse 30 Zigbee, synchronized · TaHoma · wall-mounted Zigbee remote · Apple Home / Siri
Bedroom	Motorized blackout roller shade behind the same valance, caulked at every edge	Mermet Elba Twilight · Limestone · polyester with an acrylic foam coating, white backing · 118 in	0% · full blackout	Sonesse 30 Zigbee, synchronized · TaHoma · wall-mounted Zigbee remote · Apple Home / Siri
The widest opening	110 in roller shade on a special reinforced tube, in the same 2.5 in behind the valance	-	-	Sonesse 30 Zigbee
Every window	Caulking along the edges to close the light gap	-	-	-



Mermet Elba Daylight
Limestone – supplier swatch



Mermet Elba Twilight
Limestone – supplier swatch



Elba Daylight
installed – the city through it



The lacquered basswood valance
with the fabric beneath it

How we partner with designers, builders and integrators

When the opening leaves no room for standard hardware, we make the hardware fit the opening: a valance to the exact profile, a return cut on site, a fabric chosen with the furniture in the room. We measure every window ourselves, fabricate to the measurement, seal the edges, install, and program the Somfy system so the owner – or their integrator – can run it from an app, a keypad or a voice assistant. One crew from sample to scene, and a clean handoff at the end. We are glad to structure a referral partnership.

Bring us in on your next project.

Early spec, on-site measurement, and a clean handoff.

(954) 881-9331



The motor on this project

The motorization behind this case study, as specified, installed and programmed by Exotic Shades & Draperies. Specifications from the manufacturer's product documentation.



Somfy product photo

Somfy Sonesse 30 Zigbee

24 V DC roller shade motor

Every shade in the unit – the Elba Daylight in the living areas, the Elba Twilight in the bedroom and the 110-inch shade on its reinforced tube – runs on a Sonesse 30 Zigbee behind the lacquered basswood valance, all synchronized to move at the same time. Somfy TaHoma, a Somfy Zigbee wall-mounted remote, Apple Home and Siri.

Type	Low-voltage tubular motor for interior roller shades – the slim Sonesse 30 body
Power	24 V DC, hard-wired
Protocol	Zigbee 3.0 mesh (2.4 GHz)
Torque	2 Nm
Motion	Soft start and soft stop; intermediate positions
Control	Somfy TaHoma – app, scenes and schedules, voice assistants; Zigbee wall remotes
Part	Somfy 1241970

Somfy Expert · Certified Lutron · Crestron. Motor selection is made per opening – tube diameter, fabric weight, drop, pocket depth and the control system in the home decide the model.