Exotic Shades & Draperies

Custom window treatments & home automation · South Florida & beyond

CASE STUDY

Salato · Pompano Beach

The same oceanfront residence on three floors · Mermet E Screen 3% on the side exposure, 5% on the ocean · Sparta Twilight blackouts · Somfy Sonesse 50 RTS on 2.5-inch tubes · TaHoma switch per unit on Crestron and Google Home · hard-wired through the building's conduit.

A new boutique building on the ocean in Pompano Beach, and the same residence three times on three floors - the top one a penthouse with ceilings a foot higher. The side of the building hits the dining room straight on, so that glass carries **Mermet E Screen 3%**; the ocean side sits under a terrace with another above it and the view is priceless, so it carries **E Screen 5%** - more light, more ocean through the screen, still working against the sun - all in White/White so the unit reads as one. Bedrooms in **Sparta Twilight blackout**. Every shade on **Somfy Sonesse 50 RTS** and a **2.5-inch aluminum tube**, the largest for interior shades, so 147-inch drops roll without ripples. Situo 1, Situo 5 and Telis 16 remotes; a power panel and **TaHoma switch in every unit tied into Crestron**, every room mapped to Google Home.

PROJECT AT A GLANCE	
BUILDING	Salato Residences · Pompano Beach, FL · same layout on three floors incl. the penthouse
LIVING & OCEAN SIDE	Mermet E Screen 5% · 0202 White/White · dining shades approx. 147 x 120 in (147 x 132 in the penthouse)
DINING · SIDE EXPOSURE	Mermet E Screen 3% · 0202 White/White
BEDROOMS	Mermet Sparta Twilight blackout · White/White · master 144 x 120 in as one shade with a single seam
MOTORS & TUBES	Somfy Sonesse 50 RTS · 120 V · under 44 dBA · 2.5 in OD aluminum tubes on every wide opening
POWER & WIRING	Hard-wired through the building's conduit to a power panel per unit · 4-conductor 18 AWG, one cable per two motors, split by colour
CONTROL	Situo 1 (single-shade bedrooms) · Situo 5 (master) · Telis 16 (living) · TaHoma switch on Crestron · rooms mapped to Google Home
FIT	Fabric cut to clear the baseboards, tube and brackets wider · recessed and surface windows · caulk bead over every shade on an out-of-level building

The detail that mattered

The wiring. A new condo hands you empty conduit and a pull line, some of it broken inside the wall, and every run continues to the next window. We mapped the electrician's routing, opened and repaired the broken conduit, and pulled 4-conductor 18 AWG with a dedicated fish tape - two days for the first unit's eight windows, a fraction of that for the next two. Every shade powered, not one wire visible.

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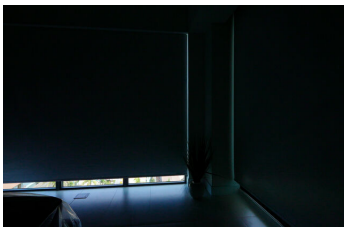
Fabric & hardware schedule

AREA	TREATMENT	FABRIC · COLOR	OPENNESS	MOTOR / CONTROL
Living & ocean side	Motorized solar screen rollers on 2.5 in aluminum tubes, approx. 147 x 120 in (147 x 132 penthouse)	Mermet E Screen · 0202 White/White · 36% fiberglass, 64% vinyl	5%	Sonesse 50 RTS · Telis 16 · TaHoma · Crestron · Google Home
Dining · side exposure	Motorized solar screen rollers on 2.5 in tubes	Mermet E Screen · 0202 White/White	3%	Sonesse 50 RTS · Telis 16 · TaHoma
Master bedroom	Motorized blackout roller, 144 x 120 in, one shade with a single seam	Mermet Sparta Twilight · White/White · 100% polyester, acrylic foam coating	0% · blackout	Sonesse 50 RTS · Situo 5 · TaHoma
Bedrooms	Motorized blackout rollers	Mermet Sparta Twilight · White/White	0% · blackout	Sonesse 50 RTS · Situo 1 · TaHoma
Every unit	Power panel, hard-wired shade circuits through the building conduit	-	-	Somfy TaHoma switch · Crestron integration · Google Home rooms

Mermet E Screen 3%
White/White - installed, dining

Mermet E Screen 5%
White/White - installed, ocean side

Mermet Sparta Twilight
White/White - supplier swatch



The master at night
blackout almost down

How we partner with builders and integrators

On a new building, bring us in with the electrician's drawings. We map the conduit before the first pull, size tubes and brackets to the openings and the baseboards, hard-wire every motor to a panel, and hand the integrator a Somfy system that is already on TaHoma - Crestron, Google Home or whatever the owner runs. Three floors of the same plan is exactly the kind of job where the second and third units get faster and cleaner than the first. One crew from survey to programming, 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.

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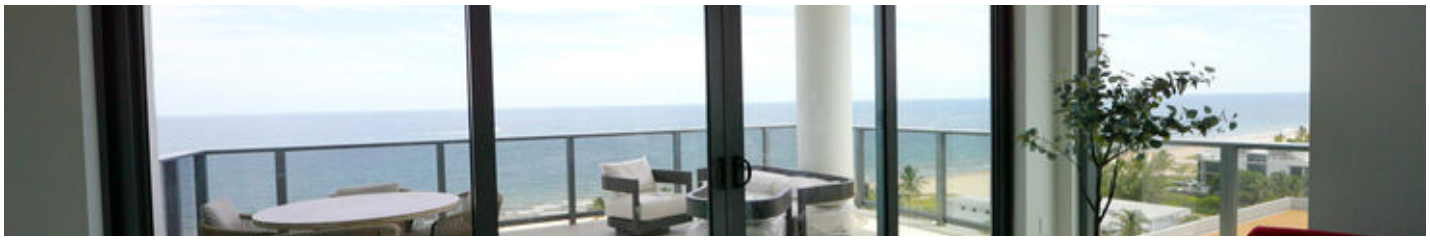

The motor on this project

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 50 RTS

120 V roller shade motor with Radio Technology Somfy

Sonesse 50 RTS, 120 V, on 2.5-inch aluminum tubes on every window of the three units, hard-wired through the building's conduit to a power panel in each unit. Situo 1, Situo 5 and Telis 16 remotes, and a Somfy TaHoma switch on the Crestron system with every room mapped to Google Home.

Type	Tubular motor for interior roller shades - the 50 mm Sonesse body for larger shades
Power	120 V / 60 Hz, hard-wired
Protocol	Radio Technology Somfy (RTS), 433.42 MHz
Torque	6 Nm on the 506S2; other torques in the range
Sound	Somfy 'Designed for Silence' - about 45 dB
Control	Situo and Telis RTS remotes; Somfy TaHoma for app, voice and integration
Part	Somfy 1001809 (506S2 RTS)

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.