

PROJECT PROFILE

CORONADO COMMUNITY CENTER CORONADO, CALIFORNIA



ABOUT THE PROJECT

When the City of Coronado needed to deal with an irreparably-leaky roof on its community center while meeting strict aesthetic demands, SOPREMA's SENTINEL® Copper Art proved the perfect solution.

Specifically, the new roof needed to match the facility's existing copper stepped Bermuda system, a requirement that was met first by installing wood strip battens every 12 inches to simulate a stepped appearance. Additionally, SENTINEL® Copper Art's unique composition includes copper powder in its PVC blend, allowing it to patina over time and take on the familiar blue-green color of oxidation. Beyond its appearance, the membrane can withstand sustained moisture, heat and UV exposure – which are also non-negotiable expectations for the project, given its coastal location just outside downtown San Diego.

Though the design conditions created a uniquely-challenging project, the community center's new roof boasts more efficient water management, thanks to an improved slope to drain, while also saving the city 50 to 60 percent of the cost of a complete re-roofing project.

PROJECT DETAILS

BUILDING OWNER	City of Coronado
TYPE OF CONSTRUCTION	Remove and replace existing roof
CONTRACTOR	AOS Inc., d.b.a. Superior Roofing
ARCHITECT	Larsen Zienkiewicz
DECK TYPE	Composite OSB and polyiso roof board
BASE PLY	Modified Sopra G (mechanically attached)
INSULATION	Tapered EPS adhered in low-rise foam
CAP PLY	Fully-adhered SENTINEL® Copper Art P150 PVC