

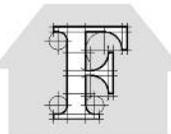


Cover Story

Coastal Reroofs

Fire, Salt Air, & Sea Spray No Threat for Roofs in California

by Marcus Dodson, editor & publisher



For many people, living on the coast is a dream come true. The smell of the sea air, the sound of the waves, and the majesty of seaside cities and towns beckons many people to buy, build, and renovate coastal homes. Alongside the charm and majesty of living on the coast, however, come some serious potential problems. Coastal areas are prone to many natural hazards, including erosion, flooding, tsunamis, hurricanes, dangerous wind, fires, and sea level rise. In dealing with these threats, homeowners must rely on top-notch builders and high-quality products. Three

homeowners who were looking to reroof their coastal California homes turned to DaVinci Roofscapes® to complete their projects.

Fire and Wind Resistant

Most people would be envious of Robbin Torrey's Carmel, California coastal home. The rustic house has sweeping ocean views that could soothe any soul. The one blemish in her ideal home, however, was the original 51-year-old shake roof. "The old roof had deteriorated to the point that rusted nails holding the curling wood shakes in place were simply falling off the roof," says Torrey.

In 2013, Torrey made the decision to invest in a new roof. After doing her research and deciding on a polymer roof, she did two important things that any architect can appreciate: she found a roofing contractor who had successfully installed the same roofing product on other homes in her area, and she brought roofing samples to her home to see how they would look near her house during different times of daylight.

"I liked the durability and appearance of the shake," says Torrey. "Since my house is right on the coast, the fact that this synthetic shake tile has a wind resistance of 110 mph

**THE MULTI-WIDTH SYNTHETIC SLATE
RESISTS THE DAMAGING EFFECTS
OF SALT AIR & SEA SPRAY.**



was very important to me.” Also of importance was the fire-resistance of the composite shake shingles. “While I don’t have concerns about wildfires in my area, I was worried about the hot embers escaping from my fireplace and fire resistor,” says Torrey. “They could easily have started a fire on the old wood shake roof. Now, with the DaVin-

ci synthetic roofing, I no longer have this concern.”

Cottage Style

When Mike and Andrea Boone received a cancellation threat on their homeowner insurance policy due to their old wooden shake roof, they knew it was time to take action. Their roof simply had to go. The first step for the Boones was to contact Jerry Shaw, the trusted designer and owner of Jerry Shaw Design in Arroyo Grande, California, who created a home for the couple in 1985 and also their parents’ home ten years earlier. They requested that Shaw recommend a roofing material that would add some interest to the home, along with being durable for their ocean-front living in Cayucos, California.

“Our biggest change was that we wanted to move away from the shake roof and move to a slate that we thought fit the style of the house better,” reports Boone. “But, we didn’t

want the hassle, weight, and expense of real slate.” Shaw embraced the roofing specification challenge and introduced the Boones to polymer slate tiles from DaVinci Roofscapes, Lenexa, Kansas. Supported by a lifetime limited warranty, the durable tiles resist fire, impact, moisture, and insects, which are all potential problems for a California coastal home.

“The Boones have a single-story Carmel Cottage style 2,500 sq.ft. home that is common to the Carmel area of our state because of its focus on the arts and crafts style,” says Shaw. “The look of real slate is captured perfectly in these tiles and the longevity of the product, as well as the fire resistant features, is tremendous. The low-maintenance appeal of the roof complemented the fiber cement siding and PVC trim used on the house and the durable aluminum-clad windows that were installed as part of a remodel. Combined, these products all provide a low-maintenance home exterior that resists the damaging effects of salt air and sea

(Continued on Page 14)



DaVINCI ECOBLEND ROOF TILES HELP REFLECT
SUNLIGHT & HEAT AWAY FROM THE HOME.



Coastal Reroofs

(Continued from Page 13)

spray that are so prevalent in coastal communities.”

After selecting the polymer roofing product, the Boones and their designer next had to decide on the color of their new roof. “The wide assortment of color combinations was an important element in our decision to use the DaVinci product,” says Shaw. “The ability to combine colors to achieve a custom color for this roof was a prime factor for us selecting this product.” With 50 colors to choose from, the Boones created a personalized multi-width slate roof featuring a blended combination of slate black and slate gray with highlight colors blended in of light green and dark green. “We wanted a roof with some interest to it, not just one tedious color,” says Boone. “The subtleness of the colors we selected blended well together. We liked the blend of the roof colors so much that they inspired us to select exterior siding and accent colors to complement it.

Sustainable Design

California architect Anthony Demattei, AIA, LEED® AP and principal partner at Demattei Wong Architecture, Burlingame,

California, understands Torrey’s concerns about fire spread. When he remodeled his 1960s ranch-style San Mateo, California home several years ago, he had to meet the requirement that the entire structure be built of fire-resistant materials. At the same time, Demattei was determined to create a home that would pass the most stringent criteria for LEED Home Platinum Certification.

The exhaustive renovation of the 4,000 sq.ft. structure included the addition of synthetic roofing products. “Our goal was to create a new family home that demonstrated our dedication and commitment to the advancement of smart, sustainable design and our belief that good design is inherently sustainable,” says Demattei. “The careful selection of building materials and systems became paramount to achieving the highest level of energy efficiency possible.”

“Creating an efficient building envelope for this house was a critical starting point for us,” says Philip Anasovich, AIA, an associate architect with the firm. “We worked from the top down in determining the products to specify. Our team searched for a roofing product that would have a

minimum lifespan of 50 years, feature tiles that could be recycled, and provide a strong, positive look to the house. Our research led us to the Bellaforté polymer roofing tiles.”

Installed on the home in April of 2011, the polymer slate tiles complement the overall architectural design and contribute significantly to the energy efficiency of the home and meet fire-resistance requirements. “This is a beautiful tile product that was a cost-effective way to replicate the look of real slate,” says Anasovich. “We specified the castle gray color and DaVinci EcoBlend tiles to help reflect sunlight and heat away from the home, leading to a greater reduction in the cooling load on the home. This, in turn, helps reduce energy costs and increases the overall energy efficiency of the home.” To create an even more efficient building envelope, the architectural team specified low-e windows, high R-value insulation, solar-reflective roof sheathing, and extended overhangs. As a result, the building envelope surpassed California Title 24 requirements by 58.9% when it was constructed.

