

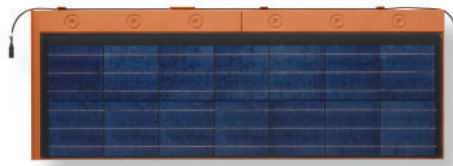
Case Study

Eagle Roofing Products



Rebuilding Homes Destroyed by Fire, New Pointe Communities Offers the Eagle Solar Roof and Other Energy Efficient Features as Standards

- Project Name:** Fire Rebuild Homes
- Project Location:** Rancho Bernardo, California
- Builder Name:** New Pointe Communities, Inc.
- Rofer Name:** California Premier Roofscapes
- Product:** Eagle Solar Roof with SolarBlend™ from Suntech
- Tile Products:** Capistrano El Morado Blend #SHC8709
Capistrano Sunrise Blend #3645
Capistrano Albuquerque #SCC8830
- Solar Product:** SolarBlend™ Roofing Tile
Terracotta 34 Watt, 2.3 kW DC solar system



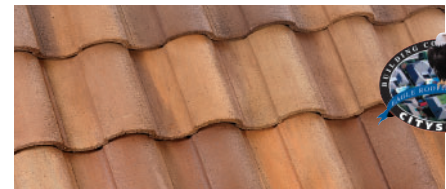
SolarBlend™ Roofing Tile Terracotta 34 Watt



Profile: Capistrano
Product No: SHC8709
Name: El Morado Blend
Description: Terracotta, Burgundy Blend



Profile: Capistrano
Product No: 3645
Name: Sunrise Blend
Description: Terracotta, Brown Blend



Profile: Capistrano
Product No: SCC8830
Name: Albuquerque
Description: Dark Brown, Terracotta, Maroon

New Pointe Communities, Inc. has taken a significant step to help Rancho Bernardo recover from the 2007 fires that destroyed so many homes in the area. Having purchased lots from owners who chose not to rebuild, New Point Communities is building new, energy efficient homes on these lots. These new homes boast Eagle Solar Roofs that produce electricity for household use as a standard feature.

In addition to the Eagle Solar Roof with SolarBlend™ from Suntech, a building integrated photovoltaic (BIPV) solar system, New Pointe Communities includes a plethora of other energy efficient products as standard features in its homes. Low-E high performance vinyl windows, radiant barrier roof sheeting, tankless water heaters, upgraded R-38 insulation, 14 SEER A/C condensers, combine to create homes that use energy efficiently and reduce the homeowners' expenses.

Generate your own clean energy.





The homes have also undergone third party HVAC duct and insulation testing and inspections. The sum total of the green home features result in New Pointe Communities' homes being far more efficient than other California homes. New Pointe Communities chose to work with San Diego Gas & Electric (SDG&E) under the utility's Advanced Home Program to craft residences which meet the most stringent requirements (Tier II) of the program and exceed California Building Energy Efficiency Standards (Title 24) by 35%.

"Our homes are 35% more efficient than other California homes and have a solar system that reduces the homebuyer electrical bills by as much as 70%," said Scot Sandstrom, president of New Pointe Communities, Inc. "In addition, I do feel good about building a home that is "green" and helps to lessen the impact on our environment. I also enjoy telling my 3 daughters that Dad is doing the right things for their futures".

The 2.3 kW DC Eagle Solar Roofs installed on New Pointe Communities' homes are designed to reduce the homeowner's electricity bill by as much as 70%. In addition, the cost of the system itself can be paid off in as little as five years due to rebates, tax credits, reduced property taxes and reduced energy bills. Through a net-metering contract with the utility, energy produced by the Eagle Solar Roof, but not used by the home, will be fed to the grid and credited to the homeowner's account for future use. This future use typically occurs at night when the solar system is no longer producing electricity. During the day, homeowners may actually be able to watch their meters spin backwards. The goal of this particular solar system size is to prevent the homeowner from using electricity at SDG&E's most expensive tier.

There are many solar options and many roofing options available to homeowners today. New Point Communities chose to install the Eagle Solar Roof on its energy efficient homes because the Eagle Solar

Roof is one of the most aesthetically pleasing solar systems available. The solar panels themselves are integrated into the concrete roof tile—not only preventing the need for unsightly racking systems, but increasing curb-appeal and helping to ensure a weather-resistant roof. Also, the quality of the concrete tile and solar products is superior and backed by the stable and successful companies of Eagle Roofing Products and Suntech, respectively. Eagle warrants* its concrete tile for a lifetime, and Suntech stands behind the power output of the SolarBlend™ panels for 25 years. The Eagle concrete tile installed on the roof is also an energy efficient, economical and durable product. Concrete tile is highly emissive meaning that it acts as an insulator helping to prevent heat transfer through the roof into the building on hot summer days. With a Class A fire rating, the assurance that it passes freeze/thaw tests and exceeds current seismic load requirements, the concrete tile was also a very durable and long lasting roofing choice.

"Eagle knows that homeowners are looking for ways to reduce their household expenses", said Jay Banister, national solar and marketing manger for Eagle Roofing Products. "Our choice to sell solar roofing solutions in addition to our concrete tile was made to meet the needs of today's homeowners by providing them with roofs that not only protect but generate clean energy to help homeowners save money on utility bills every month."

Homeowner reaction to the first fire rebuild homes of New Pointe Communities is very positive. In fact, buyers who are in escrow to purchase one of the homes said that the solar system was one of the main reasons they chose to buy. New Pointe Communities is proud to be able to offer buyers an environmentally friendly new home that will help to reduce their household expenses through energy efficient features and clean energy producing systems like the Eagle Solar Roof.

*Warranty must be registered

E n v i r o n m e n t a l l y R e s p o n s i b l e

