



Commitment
to the future



**SIERRA PACIFIC
INDUSTRIES**
Growing Forests For Our Future



SIERRA PACIFIC
Windows
A Division of
SIERRA PACIFIC INDUSTRIES



SIERRA PACIFIC INDUSTRIES
Growing Forests For Our Future



Our Company

We manage our forests under the most stringent standards found anywhere in the world. Sierra Pacific's active forest management creates healthy forests that produce wood products for consumers, while protecting and enhancing our natural resources. In fact, we will nearly triple the amount of wood grown on our land over the next 100 years and our average tree size will almost double during that period.

Science guides our practices. Our actively managed forests are absorbing vast amounts of greenhouse gases while producing oxygen to maintain and improve air quality. We meet or exceed the nation's toughest forestry regulations and have always made protection of the environment the cornerstone of our forest management policies.

- Our forests are storing vast amounts of carbon in the fight against global warming while protecting communities against catastrophic wildfires

The natural results of Sierra Pacific's sound, science-based forest management practices are:

- Healthy Trees
- Enduring Wildlife Habitat
- Clean, High Quality Water
- Quality Lumber, Millwork and Wood Windows

Sierra Pacific Industries is a third-generation, family owned and operated forest products company. We own and manage approximately 1.9 million acres of forestland in California and Washington. To Sierra Pacific Industries, sustainable forest management means more than just planting trees. We are concerned about all aspects of forest health, including wildlife habitat, native plant species and water quality. As good stewards of the forest, our goal is to maintain and improve the forest ecosystem for future generations.

- We grow more wood than we harvest each and every year
- We are committed to a 100-year forest management plan
- Our forests are managed by Registered Professional Foresters, Botanists, Biologists, Hydrologists and other professionals
- We're investing millions of dollars to restore previously logged and fire ravaged areas so they can become healthy forests





Commitment to Environmental Stewardship

Sierra Pacific Industries is a leader in environmentally responsible forest management. In addition to meeting the most stringent state forest practice rules in the nation, our forestry practices are also third party certified under the forest management standard of the independent Sustainable Forestry Initiative® (SFI). SFI is the most comprehensive forest certification program in North America.





Sustainable Forestry Initiative® (SFI)

The Sustainable Forestry Initiative® (SFI) is an independent, non-profit, charitable organization with a science based, internationally recognized forest management standard developed specifically for North American forests. The SFI Standard integrates the perpetual growing and harvesting of trees with the protection of wildlife, plants, soil and water quality.

SFI has over 200 participants including private land owners, public agencies and land managers, state and provincial lands, universities, conservation groups and Fortune 500® companies.

Internationally Recognized and Endorsed

The SFI program is recognized by customers, governments and green building policies around the world. In addition, the SFI Forest Standard is endorsed by The Programme for the Endorsement of Forest Certification (PEFC), a global umbrella organization that has strict requirements for endorsement.

The SFI Standard is the most widely applied certification standard in North America, with over 150 million acres of certified forest lands. Additionally, the program has one standard that covers the U.S. and Canada, ensuring all certified wood

and paper comes from legal fiber sources and that all forests are managed to the same high standard.

The SFI Standard is a comprehensive system of values, objectives and performance measures developed by professional foresters, conservationists and scientists. It is based on nine core principles, as well as on a commitment to continuously improve sustainable forest management.

The Nine Principles of the SFI Standard:

1. Sustainable Forestry
2. Responsible Practices
3. Reforestation and Productive Capacity
4. Forest Health and Productivity
5. Long-Term Forest and Soil Productivity
6. Protection of Water Resources
7. Protection of Special Sites and Biological Diversity
8. Legal Compliance
9. Continual Improvement

The SFI Standard is updated every five years to reflect the latest science and input from its open and transparent public comment periods and regional workshops. Companies certified to the

SFI Standard must undergo annual audits by third party certification bodies in order to maintain their certification. Every participant must conform to the standard to be certified.

Independent leadership

SFI Inc. is governed by a fully independent, three chamber board of directors with equal representation from environmental, social and economic sectors. SFI's independent governance, along with a rigorous, science-based standard, are just two of the reasons why the SFI program is supported by over 40 independent organizations including The Conservation Fund, Conservation International and Pacific Forest Trust.

A Steady Supply

As one of the world's largest forest certification programs with over 150 million certified acres, SFI allows for a steady supply of high-quality, certified wood and paper products. As a result, there are more than 900 locations across North America offering SFI-certified products.



**SUSTAINABLE
FORESTRY
INITIATIVE**

Co-Generation

In the past, bark, sawdust and other low-grade byproducts of the manufacturing process were burned or sent to landfills. Today, Sierra Pacific Industries turns these materials into fuel for on-site co-generation facilities.

Sierra Pacific Industries runs eight state-of-the-art co-generation plants that turn “wood waste” into energy for California and Washington homes and businesses. Together, these facilities produce over 150 megawatts of electrical power. That’s enough power for 150,000 homes.

Wood waste from the forest is also used

in the co-generation process. Unmer-

chantable wood (including small trees and branches) is selectively removed and processed to improve the remaining stand of timber in areas where trees are too dense and pose a fire danger. Clean renewable energy production and environmental stewardship go hand in hand.

Some of the power produced is used to operate the mill where it is generated. Excess electricity is sold to local public utilities and to energy service providers, helping to reduce the nation’s dependence on fossil fuels.

Biomass power produces a number of societal and environmental benefits.

It also displaces fossil-fueled electricity generation, which is a benefit common to all renewable generation technologies.

In brief, the biomass power industry provides an environmentally responsible means to dispose of about 25 million tons of woody wastes annually, turning waste materials into valuable electricity. It prevents the open burning of a substantial amount of these tons, mostly agricultural and forest residues, with the attendant massive amounts of air pollution. It also provides an alternative to landfill disposal of a substantial portion of these tons.



Vertical Integration

Sierra Pacific is an industry leader in technological advances. We use state of the art computerized scanning equipment to assure we are getting the highest yields from our raw materials. Whether in our sawmills or millwork plants, innovative equipment run by highly-skilled operators ensures that we utilize all available wood fiber.

The fiber remaining from one operation becomes the raw material for another, guaranteeing minimal waste. Shavings and chips are pressed into particleboard. Bark is used for various forms of landscape material or converted into boiler fuel for dry kilns and electricity generating plants.

Sierra Pacific is a vertically-integrated company:

- We own the forestland and manage it for sustainable growth
- We mill the wood in our sawmills
- We convert the shop grade lumber from our sawmills to moulding and millwork (including window and door components) in our millwork facilities
- We assemble the components from our millwork plants into top quality wood windows and doors in our window assembly plants
- We ship the windows and doors to your jobsite on our trucks



Planting



Harvesting



Your Home

*From Our Forest
to Your Home*



Saw Mill



Millwork



Windows



Sierra Pacific Windows

Value is the cornerstone of our philosophy at Sierra Pacific Windows

Quality, design flexibility, service and expertise are integral components of the value of doing business with Sierra Pacific and the reason that builders, architects and homeowners alike prefer Sierra Pacific Windows and Doors.

Our Architectural, Sales and Service Professionals are by your side from the beginning to the end of your building project. From the design phase through value engineering, installation and service, our team will help facilitate your project.

We are proud to stand behind our product with a commitment that is unparalleled in the industry. Whether your project is residential or commercial, new construction or remodel, we

have the product quality, design flexibility, service and expertise to complete your vision.

With features including one of the thickest extruded aluminum cladding systems on the market, a wide range of clad colors and hardware choices and standard offerings in Ponderosa Pine or Douglas Fir, Sierra Pacific windows and doors are a welcome addition to any project.

Our Products Carry the SFI Label

Since environmentally responsible products begin with the raw materials from which they are manufactured, Sierra Pacific Windows and Doors are the logical choice for the environmentally-conscious consumer. The wood in our windows comes from SFI certified



sources and enables us to identify our products as sustainable with the SFI on-product label. Our compliance with the SFI program demonstrates Sierra Pacific's commitment to the environment and to the Green Building effort.

Our Coatings Contain No VOCs

Our extruded aluminum exteriors are coated with eco-friendly, no-VOC (Volatile Organic Compounds) powder coatings. Powder coatings generate zero hazardous waste during the application process and eliminate the additional energy required to operate thermal oxidizers and scrubbers used to lower VOC emissions common to the wet paint process. Powder coating is an EPA recommended finishing system, contributing to the Green Building Initiative of the US government, as well as to Leadership for Environmental and Energy Design (LEED) point credits.





Energy Star Products

Sierra Pacific Windows is an Energy Star partner and applies the Energy Star label on all qualified products. Energy Star is a voluntary partnership program between the US Department of Energy and retailers, utilities and manufacturers aimed at promoting products that are more energy efficient.

Sierra Pacific Windows Recycling Program

Sierra Pacific Windows has an active, on-going recycling program to generate the most benefit and least amount of waste from all manufacturing and shipping processes. Examples of some of the components Sierra Pacific recycles are:

- Aluminum
- Glass
- Cardboard
- Plastic
- Paper
- Batteries
- Oil
- Anti-freeze
- Tires
- Wood pallets
- Sawdust
- Wood shavings
- Wood scraps



The New American Home 2009 featuring SFI certified windows and doors from Sierra Pacific.



NAHB National Green Building Program

Through the National Green Building Program, the National Association of Home Builders is helping its members move the practice of green building into the mainstream. Energy efficiency, water and resource conservation, sustainable or recycled products and indoor air quality are increasingly incorporated into the everyday process of home building.

The National Green Building Program offers several resources and tools to help builders, remodelers, home building associations and homeowners learn how to build green and the benefits of doing so. All homes certified as part of National Green Building Certification are measured against the best existing definitions of green and sustainable home construction. The NAHB Green Scoring Tool offers two scoring options:

NAHB Model Green Home Building Guidelines: Published in 2005, the voluntary Guidelines cover seven areas, including lot preparation and design, resource efficiency, energy efficiency, water efficiency and conservation, occupancy comfort and indoor environmental quality, and operation, maintenance and homeowner education. These Guidelines are the basis for the Green Scoring Tool, but were also written for local organizations to use as a foundation for their own Green Building programs and for easy customization to reflect local geographic and climate conditions.

The ANSI approved ICC-700-2008 National Green Building Standard (NGBS): Establishes a much-needed and nationally-recognizable standard definition of green building. The Standard includes single and mul-

tifamily homes, residential remodeling projects and site development projects while allowing for the flexibility required for regionally-appropriate best green practices. The Standard also introduces a new, fourth score – Emerald - to denote the pinnacle of achievement in residential green construction.



Sierra Pacific is proud to be the supplier of environmentally friendly window and door products for The New American Home 2009®, America's premier showcase home built in conjunction with the International Builder's Show. Sierra Pacific products were chosen for their SFI Certification and ability to contribute points to the home's Gold Level rating under the NAHB Green Building Program.





Sierra Pacific products can help earn NAHB points in the following categories:

2.1.5 Reduce Quantity of Material and Waste

Intent: Use building materials that require no additional finish resources to complete application onsite.

2.2.8 Enhance Durability and Reduce Maintenance

Intent: Use termite-resistant materials for walls, floor joists, trusses and exterior decks in areas known to be termite infested.

2.2.12 Enhance Durability and Reduce Maintenance

Intent: Employ and show on plans the following flashing details: A. Around windows and doors and E. Drip cap above windows and doors.

2.6.1 Use Renewable Materials

Intent: Use materials manufactured from renewable resources or agricultural byproducts such as soy-based insulation, bamboo or wood-based products.

2.6.2 Use Renewable Materials

Intent: Use certified wood for wood and wood-based materials and products from all credible third-party certified sources, including: A. The Sustainable Forestry Initiative® Program.

2.8.1 Innovative Options

Intent: Use locally available, indigenous materials.

2.8.2 Innovative Options

Intent: Use a life-cycle assessment (LCA) tool to compare the environmental burden of building materials and based on the analysis, use the most environmentally preferable product for that building component.

3.3.1 Energy Efficiency (Prescriptive Path B)

Intent: Energy Star® - rated windows appropriate for local climate.





Leadership in Energy and Environmental Design (LEED)

What is LEED?

The Leadership in Energy and Environmental Design Green Building Rating System (LEED) is a voluntary, market-based rating system for defining what elements make a building 'green' and to quantify how 'green' a building is in comparison to another building.

LEED is based on energy and environmental principles and attempts to strike a balance between known effective practices and emerging concepts. It encourages a whole building approach over a building's life cycle that guides a collaborative and integrated design and construction process.

Project teams (owners, developers, architects and contractors) use the

LEED rating system as a tool to help them determine green project goals, identify green design strategies, measure and monitor progress and document success.

How does LEED work?

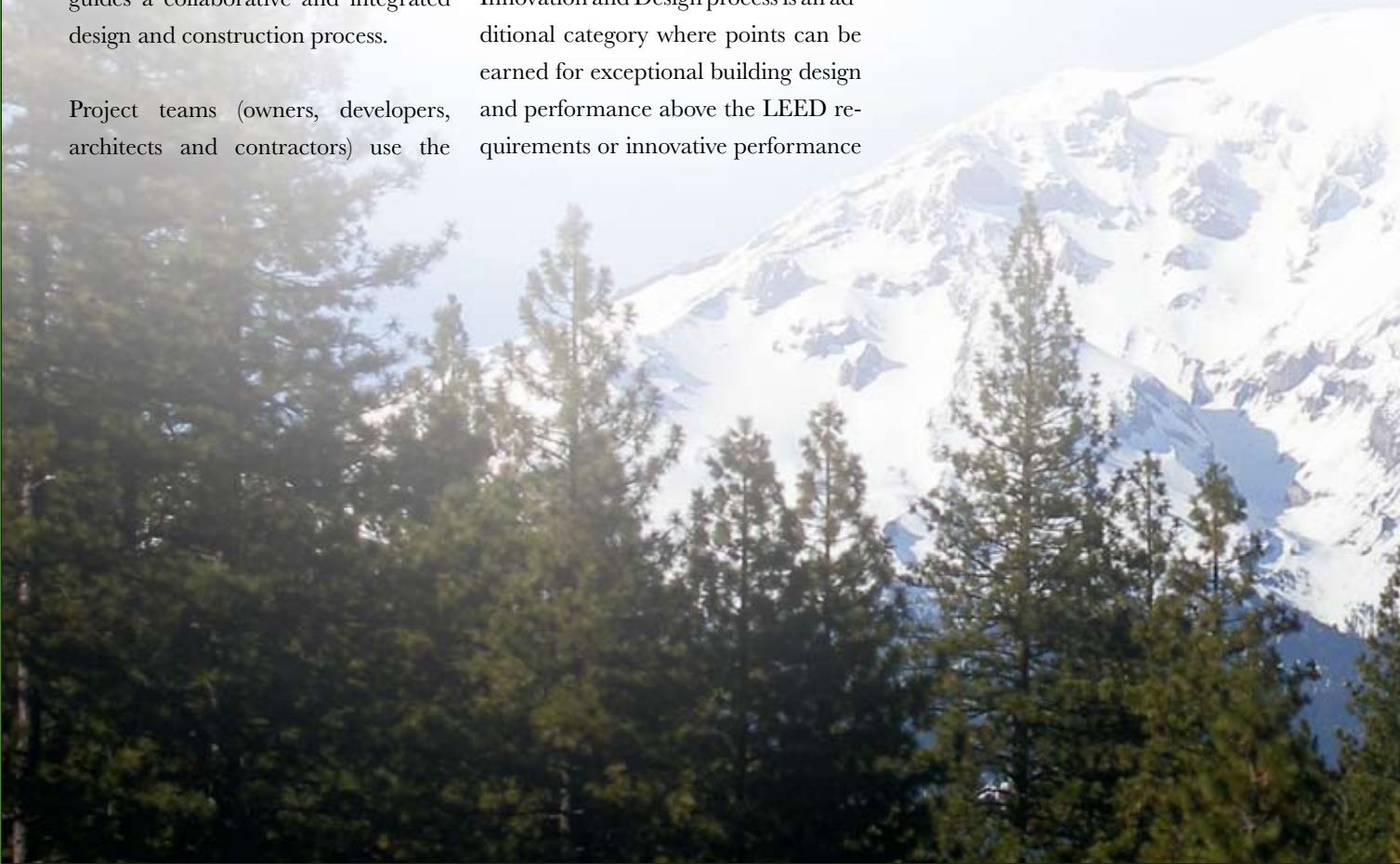
LEED provides a menu of green building measures in five environmental categories:

- Sustainable Sites
- Water Efficiency
- Energy and Atmosphere
- Materials and Resources
- Indoor Environmental Quality

Innovation and Design process is an additional category where points can be earned for exceptional building design and performance above the LEED requirements or innovative performance

in green building categories not specifically addressed by LEED. Points are earned in each category. The points are performance based rather than prescriptive to encourage innovation and an integrated approach to design.

After a building has been completed and the project team has submitted the project documentation along with the appropriate fee, the Council will certify the project as LEED Certified, Silver, Gold or Platinum based on the total number of points earned from a menu of green building measures.



Sierra Pacific products can help earn LEED credits in the following categories:

EA 1 Optimize Energy Performance

Intent: Achieve increasing levels of energy performance above the baseline in the prerequisite standard to reduce environmental and economic impacts associated with excessive energy use.

MR 4.1 Recycle Content – 10% (Post-consumer + 1/2 Pre-consumer)

Intent: Increase demand for building products that incorporate recycled content materials, thereby reducing the impacts resulting from extraction and processing of virgin material.

MR 4.2 Recycle Content – 20% (Post-consumer + 1/2 Pre-consumer)

Intent: Increase demand for building products that incorporate recycled content materials, thereby reducing the impacts resulting from extraction and processing of virgin materials.

MR 5.1 Regional Material 10%

Intent: Increase demand for building materials and products that are extracted and manufactured within the region, thereby supporting the use of indigenous resources and reducing the environmental impacts resulting from transportation.

MR 5.2 Regional Material 20%

Intent: Increase demand for building materials and products that are extracted and manufactured within the region, thereby supporting the use of indigenous resources and reducing the environmental impacts resulting from transportation.

EQ 2 Increased Ventilation

Intent: Provide additional outdoor air ventilation to improve indoor air quality for improved occupant comfort, well-being and productivity.

EQ 6.2 Controllability of System – Thermal Comfort

Intent: Provide a high level of thermal comfort system control by individual occupants or by specific groups in multi-occupant spaces (i.e. classrooms or conference areas) to promote the productivity, comfort and well-being of building occupants.

EQ 8.1 75% Daylight and Views

Intent: Provide a connection between indoor spaces and the outdoors for the building occupants through the introduction of daylight and views into the regularly occupied areas of the building.



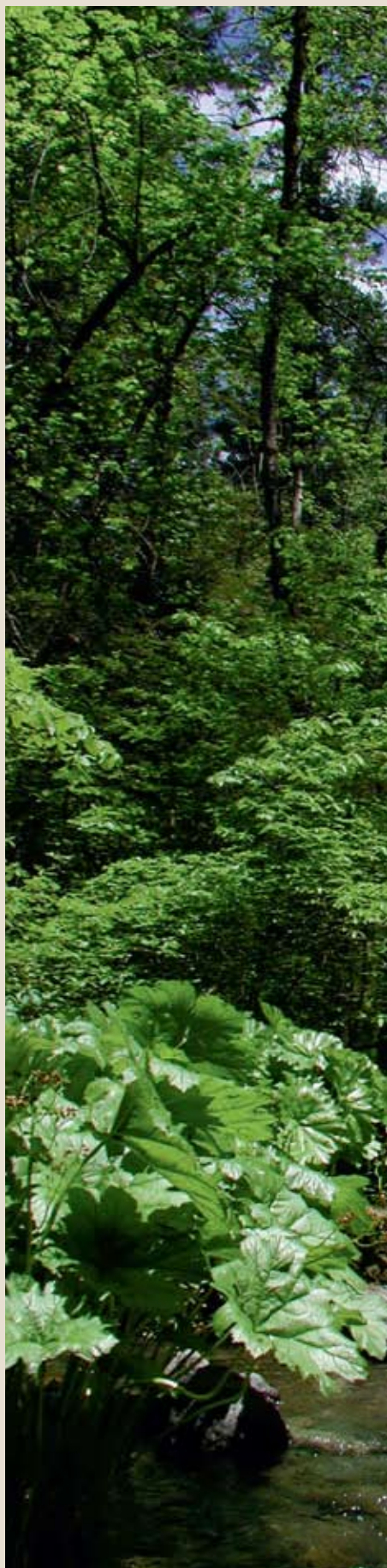
Green Globes™ Rating/Certification

Green Globes™ offers opportunities for recognition and certification in the design, construction, or operation of commercial buildings via a formal Green Globes™ rating and certification system. Green Globes rating and certification provide a proven, credible and recognized means to address the increasingly important environmental concerns of owners, investors, customers and residents or occupants.

Building projects that have completed either the new construction self assessment or the continual improvement for existing buildings assessment and scored a minimum threshold of 35% of the 1,000 available points are then eligible to schedule an independent, third party review and site assessment that leads to formal Green Globes rating. Depending on the points scored during the independent third party assessment, buildings are assigned a Green Globes rating of one to four

Green Globes and are awarded a plaque recognizing their environmental achievements.

Green Globes rated buildings are intended to use less energy, conserve water resources, and emit fewer pollutants (in the form of greenhouse gases, airborne pollutants, liquid effluents, and/or solid waste) than other buildings at large. As such, projected benefits to building owners and investors accrue in the form of reduced operating costs for energy, water and waste disposal, while at the same time making the facilities a more enjoyable and better place to visit, live or work. By investing in Green Globes rating/certification, organizations can publicly demonstrate their commitment to environmental sensitivity, to reducing adverse environmental impacts and for incorporating the best “green” practices for building design, construction and/or ongoing operation.





Sierra Pacific products can help earn Green Globes™ credits in the following categories:

A.2 Environmental Purchasing

Objective: To select materials, products and equipment that have minimal impact on the environment in terms of resource use, production of waste and energy use.

C.1 Energy Performance

Objective: To minimize the energy consumption for building operations.

C.2 Reduce Energy Demands (Building Envelope)

Objective: To minimize the energy that is gained or lost through the envelope, prevent condensation and avoid water damage.

E.1 Low Impact System & Materials

Objective: To select materials with the lowest life cycle environmental burden and embodied energy.

E.2 Minimal Consumption of Resources (Certified Wood)

Objective: To conserve resources and minimize the energy and environmental impact of extracting and processing non-renewable materials.

E.4 Building Durability, Adaptability and Disassembly

Objective: To extend the life of a building and its components and to conserve resources by minimizing the need to replace materials and assemblies.

G.2 Control of Indoor Pollutants

Objective: To minimize contaminants in the indoor air thereby helping to ensure occupant well-being and comfort.

G.3 Lighting (Daylighting)

Objective: To provide occupants with exposure to natural light, thereby helping to ensure their well-being and comfort.

G.4 Thermal Comfort

Objective: To provide a thermally comfortable environment, thereby helping to ensure the well-being and comfort of occupants.

G.5 Acoustic Comfort

Objective: To provide a good acoustic environment, thereby helping to ensure the well-being and comfort of occupants.





Window Sales Locations

ARIZONA

Phoenix - Service Center/Showroom
Scottsdale - Showroom
Tucson - Showroom

CALIFORNIA

Red Bluff - Manufacturing
Fremont - Service Center/Showroom
Irvine - Service Center/Showroom
Camarillo - Service Center/Showroom
Chico - Showroom
Rancho Cordova - Showroom
Menlo Park - Showroom
Novato - Showroom
Redding - Showroom
San Diego - Showroom
Palm Desert - Showroom
Pacific Grove - Showroom

COLORADO

Broomfield - Service Center/Showroom
Denver - Showroom
Loveland - Showroom

MONTANA

Missoula - Service Center/Showroom
Big Sky - Showroom
Bozeman - Showroom
Columbia Falls - Showroom

NEVADA

Reno - Showroom

NEW MEXICO

Albuquerque - Service Center/Showroom
Santa Fe - Showroom
Taos - Showroom

OREGON

Portland - Showroom
Bend - Showroom
Eugene - Showroom
Medford - Showroom

UTAH

Salt Lake City - Service Center/Showroom
Heber City - Showroom
Park City - Showroom

WASHINGTON

Lacey - Service Center/Showroom
Spokane - Service Center/Showroom
Kirkland - Showroom

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ENERGY STAR is a program jointly sponsored by the DOE and EPA to promote energy efficient products. For windows and doors, ENERGY STAR relies on U-factors and solar heat gain coefficient (SHGC) as determined through NFRC to determine product qualification.



The **Window & Door Manufacturers Association (WDMA)** Hallmark Certification Program provides a method of identifying windows and doors that are manufactured in accordance with AAMA/WDMA/CSA 101/IS.2/A440 standards. Regular third party product testing and inspection of manufacturing facilities ensures conformance. Certification through the WDMA Hallmark Program is highly regarded by architects, contractors and government agencies.



National Fenestration Rating Council (NFRC) established and enacts a fair, accurate and credible energy rating system for window, door and skylight products. This rating system allows for the measure and comparison of energy performance of various fenestration products.

Sierra Pacific Window products have been certified through NFRC and are labeled accordingly with the appropriate U-factor, solar heat gain coefficient (SHGC), visible light transmittance (Vt) and condensation resistance (CR) information.



MEMBER

American Architectural Manufacturers Association (AAMA) is an organization consisting of window, door and skylight manufacturers, suppliers and industry consultants. AAMA is a leader in the development and maintenance of fenestration industry standards and educational programs.



Sierra Pacific Windows

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