



Case Study: Windows & Doors

A Guide to Windows & Doors:

The benefits of replacing your old windows and doors with new are many. From the visual aspect of creating a new interior and exterior look or recreating your homes once historical charm, to the saving on your heating and cooling bill each month. New windows and doors can offer resistance to noise and safety for homes with children.

Centoni Restoration and Development can help you to choose the right window and doors for your home, as well as manage the installation. There are many choices of to meet your goals and objectives – from custom to standard; we can manage all of your needs.

The guide below is designed to introduce you the pros and cons of the many options – we of course, would be pleased to provide you with consultation – gratis.



Vinyl: Vinyl windows are made primarily of polyvinyl chloride (PVC), a product that offers many advantages. This type of window typically looks heavier than a wood or metal window because vinyl is not strong enough to be made into ultra-thin parts, and the texture is unmistakably plastic. Except for washing the glass, maintenance is a breeze and is typically free from recurring service – painting for example.

The benefits are many – some of the significant qualities are below:

- * Affordable – available in wide range of prices
- * Easy Installation
- * Exceptionally energy efficient
- * Extremely durable
- * Available in a variety of colors
- * Resists corrosion
- * Available in a number of original designs, styles and shapes
- * Offered in a wide range of prices

Wood/Clad: Wood/Clad windows feature a sash and frame that are made from more than one kind of material. This allows the manufacturer to make the material fit the task. For example, the inside surfaces of the window might be made from woods, to allow for painting or staining. The outside surface, however, could be made from a more weather-resistant material like vinyl or aluminum – a typical example is a wood window with vinyl or aluminum cladding. A newer type of clad window has an exterior that is made from fiberglass. The fiberglass can be painted, and is impervious to rot if the paint fails. Wood/Clad windows cost more than vinyl windows, but are a higher quality window all around.

There are many benefits to installing wood/clad windows in your home, below are just a few:

- * Excellent long-term durability
- * Wood/Clad windows are very energy efficient
- * Paint/Stain interior and exterior
- * Water and air tight
- * Materials resist warping, denting and fading
- * High-Impact resistance
- * Available in many styles, sized and colors
- * Low maintenance
- * Frames are easily recyclable

Custom Wood Windows and Sashes: We specialize in the true San Francisco Historical style wood sash window, be it a double hung, casement, picture window, Dean window, awning or transom. These window types can be made to match the exact look of your existing historical wood window, with all the benefits of modern safety, noise resistance and energy efficiency.

Custom Wood Windows and Sashes have a variety of glass options for you to choose from. For example, custom windows can be made with single layer glass replacement, insulated (dual-Pane), noise reduction, safety glass, tempered glass, pattern glass, low E, and tints. In addition, wood windows can be made from a variety of woods from Ponderosa Pine and Vertical Grain Douglas Fir to Red Mahogany or an exotic hardwood of your choice.

There are many benefits to installing custom wood sash windows in your home.

- * Maintain the original historical look to comply with City and County of San Francisco Planning Department requirements.
- * Endless options of glass and wood frame types.
- * Made to any size – include hard to fit irregular openings
- * Paint/Stain interior and exterior
- * Custom configure glass shapes or patterns
- * More energy efficient than aluminum or steel
- * Other window types cannot match the beauty that real wood brings to a home.

Fiberglass Windows: Fiberglass windows are relatively new, however the material itself has been available for a long time and has an excellent durability record. Fiberglass is strong so hollow parts can be made without stiffeners, such as those required for vinyl replacement windows. This allows manufacturers to produce higher efficiency windows by filling voids with insulation. In fact, fiberglass windows are even more energy efficient than those made from solid wood. You can paint fiberglass windows, but they will not deteriorate if the paint wears away. Fiberglass windows, however, are typically more expensive than similar windows made from vinyl.

There are several benefits to choosing fiberglass windows form you home –

- * Provide maximum durability and strength
- * High energy efficiency
- * Maintenance-Free Materials
- * Very little expansion and contraction with temperature changes
- * Fiberglass is environmentally friendly
- * Resist deterioration
- * Impermeable to moisture
- * Available in a variety of colors
- * Frames hold large expanses of glass
- * Paintable