

axpanel Designs

Sectional Door Panels
Digital Inkjet Printing



Digital Printing — The Future for Garage Doors

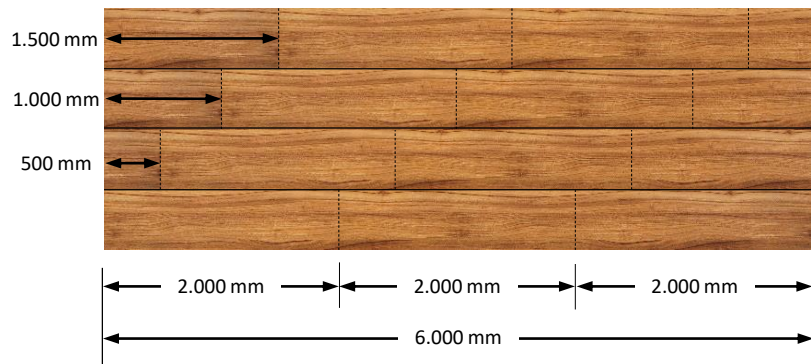


Horizontal Wood Designs: Panel Prints

- Many wood designs available in raster format
- Pattern length for a design is ≈ 2.000 mm
Pattern repeats every 2.000 mm
(note: patterns can be longer)
- Seamless connection between pattern ends for the best appearance
- The starting point of the pattern on each panel is offset ≈ 500 mm horizontally.
Prevents patterns from repeating vertically.
- Panel styles:
 - Cassette
 - Flat
 - V-ribbed
 - U-ribbed
 - Micro-ribbed
- Panel surfaces:
 - Smooth
 - Woodgrain



Seamless connection between pattern ends



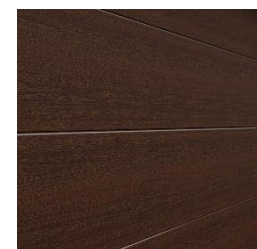
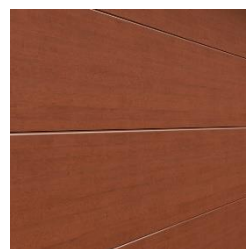
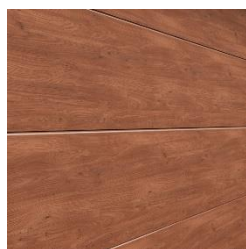
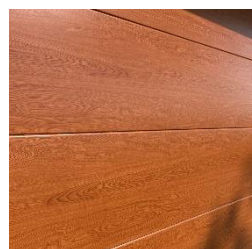
6.000 x 2.000 mm door with 4 x 500 mm panels.

Pattern length of 2.000 mm repeats on each panel.

Seamless connection between pattern ends.

Pattern starting point is offset ≈ 500 mm horizontally.

Prevents patterns from repeating vertically for the best appearance.



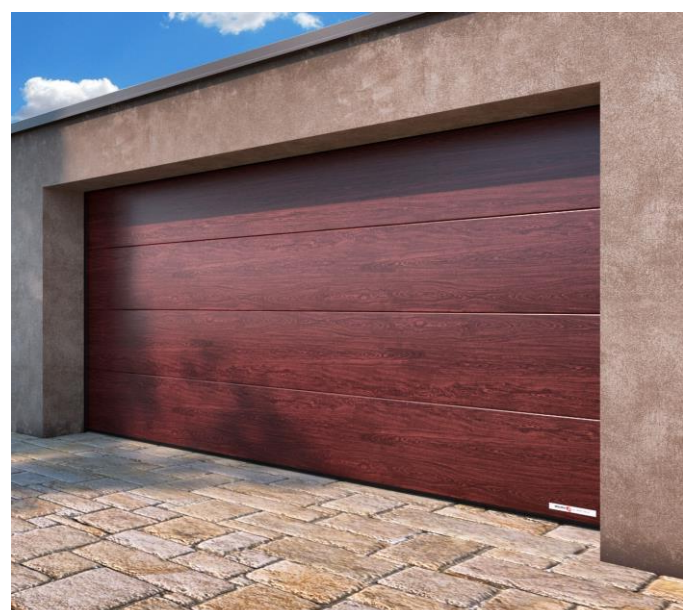
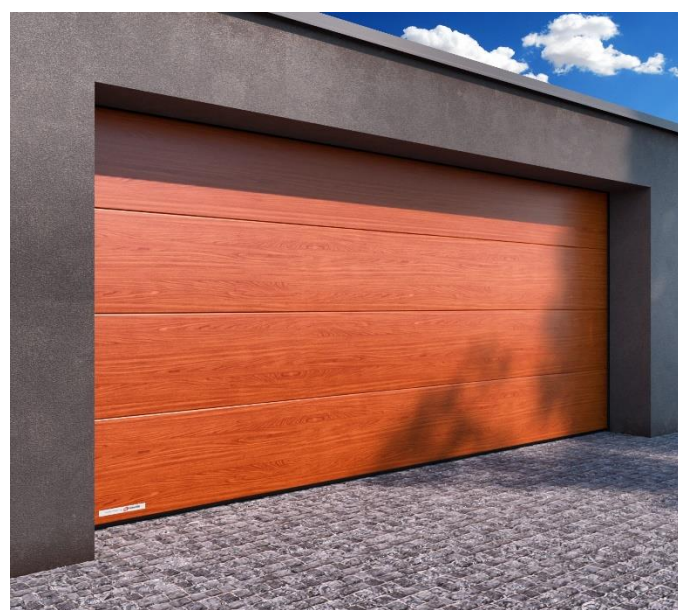
Golden Oak (below)

Winchester

Cherry

Mahogany (below)

Rustic Oak





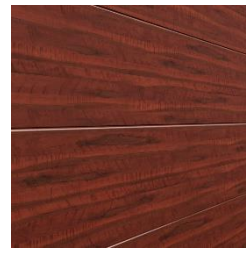
Anigre



Antique Gray



Antique Larch



Apple



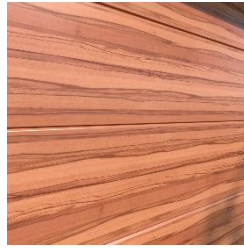
Arariba Amarillo



Bamboo (below)



Black Alder



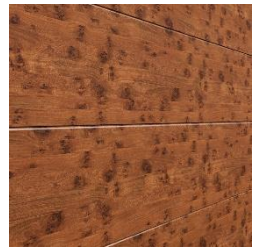
Beech



Black Poplar (below)



Bubina



Burlwood



Chestnut



Copper Wood



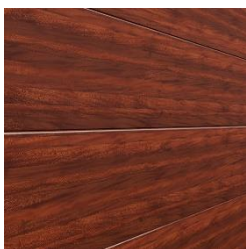
Elm



European Ash



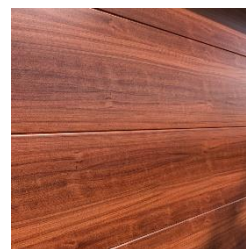
European Larch



European Plane



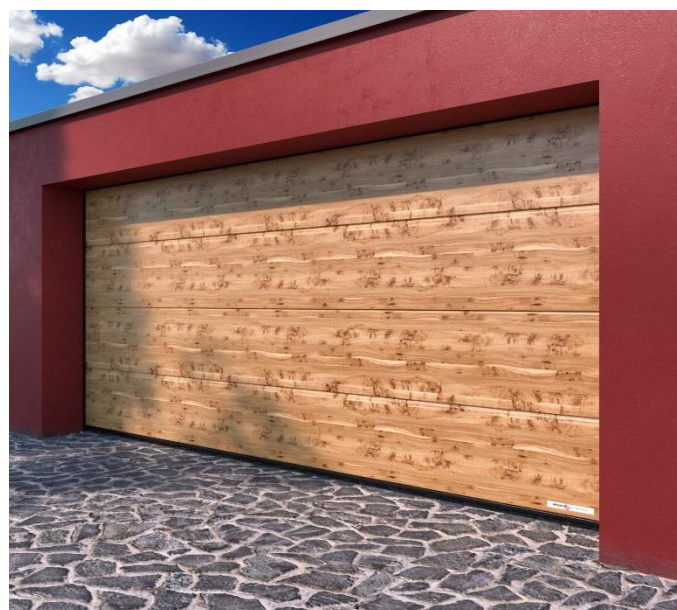
Freijo



Gedu Nohor



Goncalo Alves



Wood Designs: Horizontal



Honey Locust



Hornbeam



Macahuba



Macore



Madrone



Manio



Maple



Oak, Dark



Oak, Dark Fine (below)



Oak, Dark Rustic



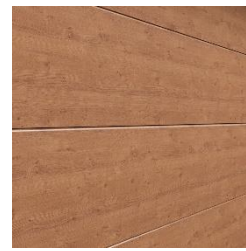
Oak, European



Oak, Fine



Oak, Gray



Oak, Light



Oak, Natural



Okoume



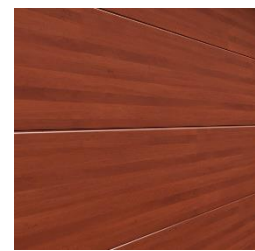
Olive, Light (below)



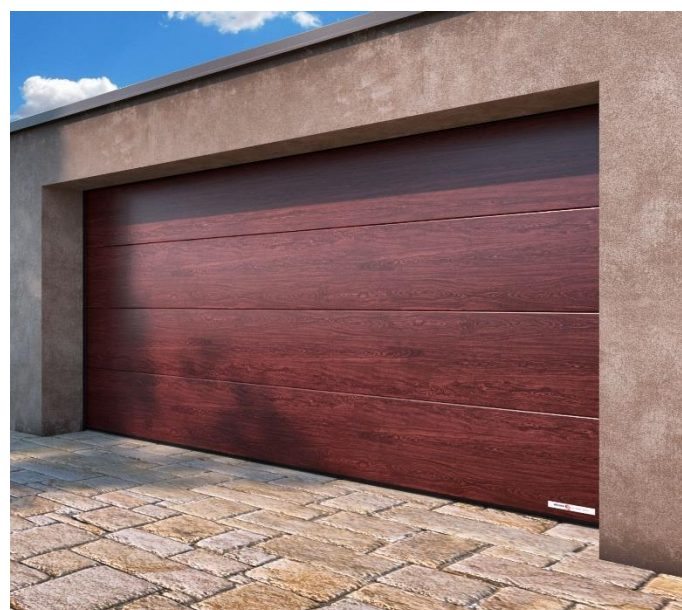
Olive, Black



Ovangkol



Pear





Peruvian Nut (below)



Pine, Columbian



Pine, Knotty



Pine, Mountain



Pine, North Carolina



Pine, Oregon



Pine, Scotch



Pine, Swiss Knotty



Poplar



Rauli



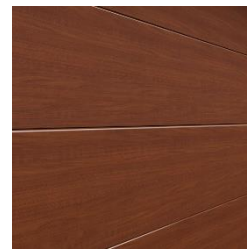
Rosewood (below)



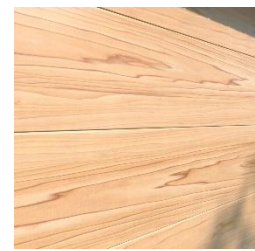
Sen



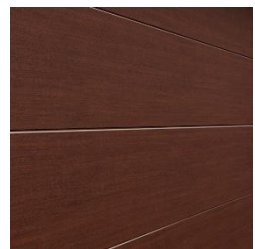
Sienna Rosso



Sorrento



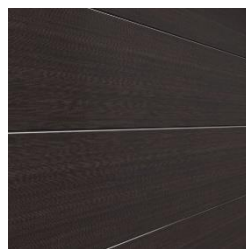
Spruce



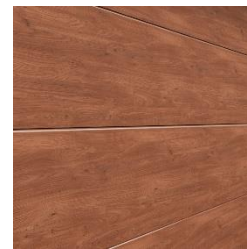
Teak



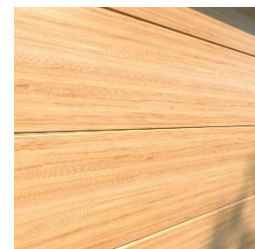
Tineo



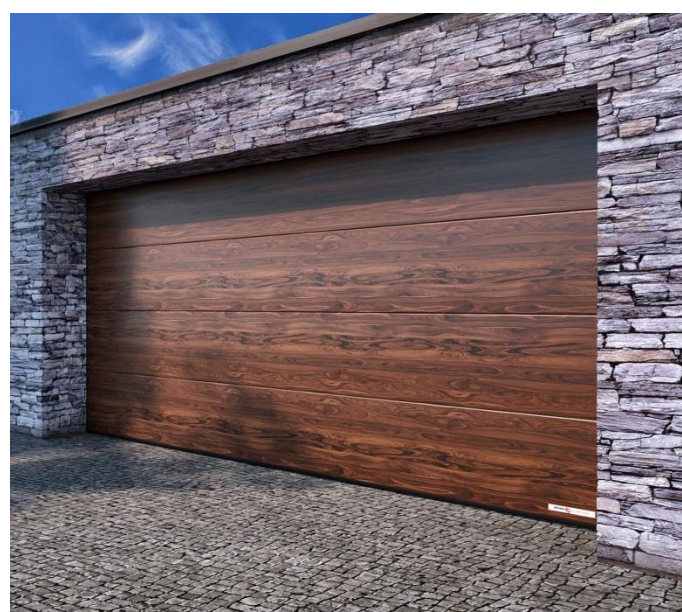
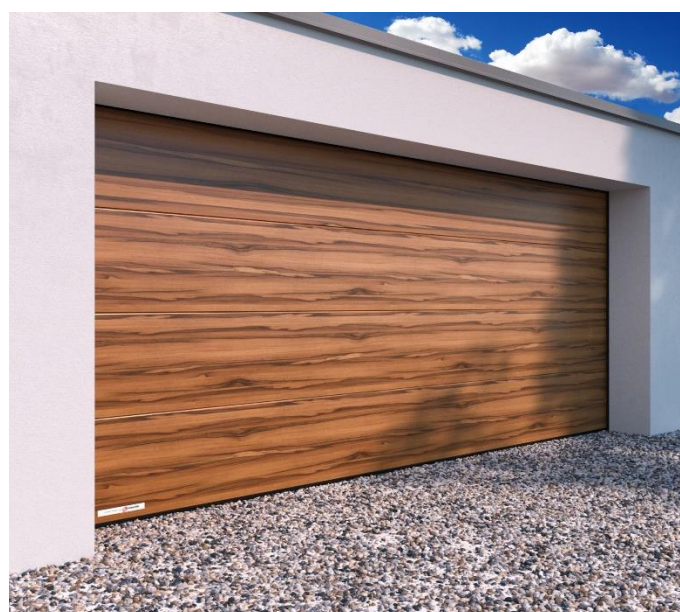
Wenge



Winchester



Whitewood





Horizontal Board Designs: Panel or Complete Door Prints

- Boards are "cut" from your raster wood designs – or, developed as new designs
- Boards can have seamless ends – or, vertical ends (like real wood boards)
- Designs can be the same for every panel with horizontal offset between patterns prevent designs repeating vertically
- Designs can be for complete doors
- Panel style: Flat
- Panel surfaces: Smooth and Woodgrain



Complete door design: Large flat boards with vertical ends



Detail of long boards. See door below right.



Detail of doors below



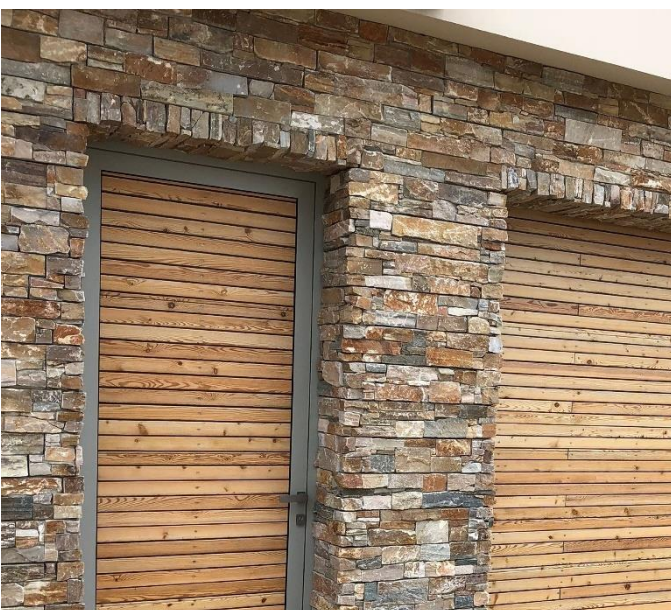
Overlap boards: Knotty Pine



Overlap boards: Natural Oak



Overlap boards: Sienna Rosso





**Vertical Board Designs:
Panel or Complete Door Prints**

- "Boards" can be cut from your raster wood designs – or developed as new designs
- Vector overlays can add lines between vertical boards – or horizontally across boards
- Easy to extend pattern width by duplicating vertical boards
- No horizontal offset between panels — designs match vertically
- Panel style: Flat
- Panel surfaces: Smooth and Woodgrain



Vertical boards with smooth joints between boards



Detail of vertical boards



Detail of door below



Vertical boards & horizontal stiles

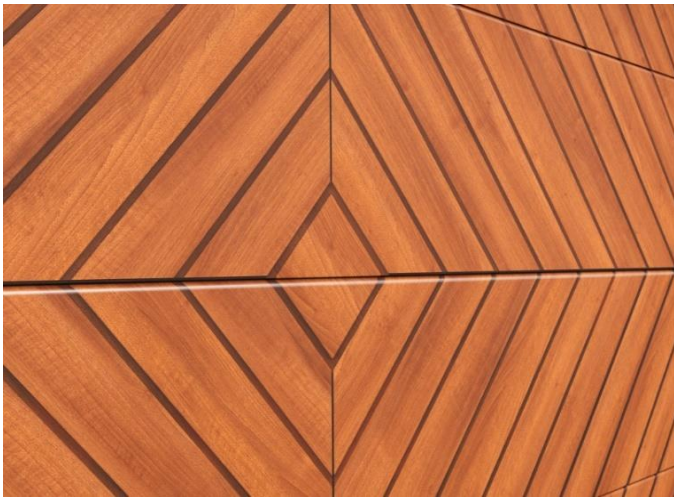


Detail of door above

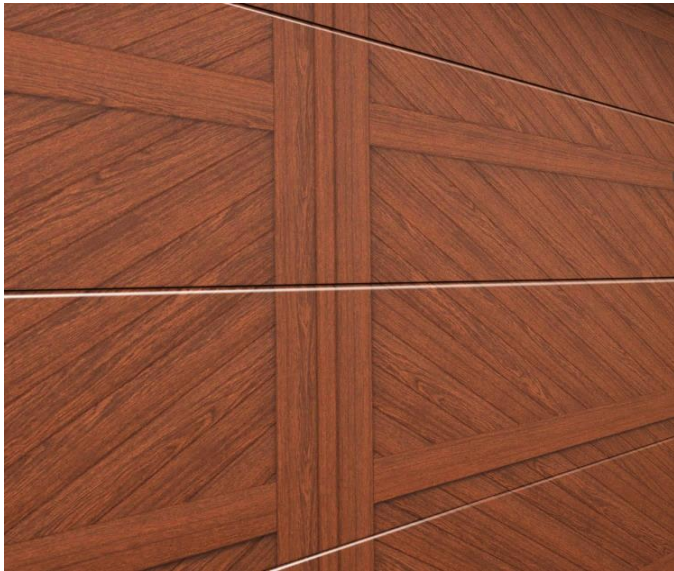


Detail of door below





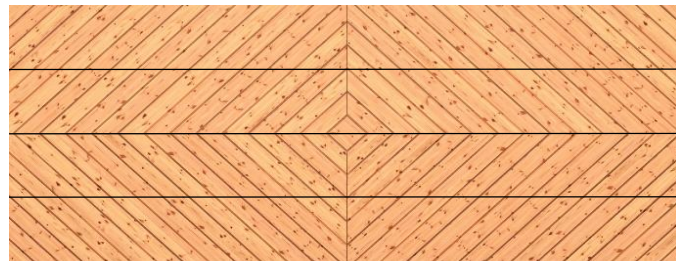
Detail of door below. Board "joints" are vector graphics lines.



Detail of door below right



Diamond design. Board "joints" are vector graphics lines.



Knotty Pine diamond design





Sun Designs: Complete Door Prints

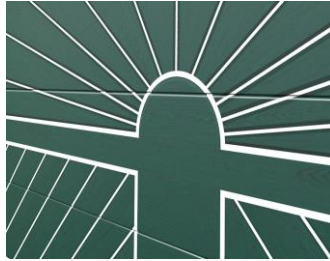
- Sun design graphics options:
 - 1) Horizontal wood design with vector graphics overlay to make sun lines
 - 2) Solid color paint finish panels with vector graphics sun lines overlay
 - 3) Boards "cut" from your raster wood designs and assembled in any position: vertical, horizontal or angled
- Panel style: Flat
- Panel surfaces: Smooth & Woodgrain



¹ Vector sun lines over raster horizontal wood design



¹ Detail of door above



² Detail of door below right



³ Sun design detail



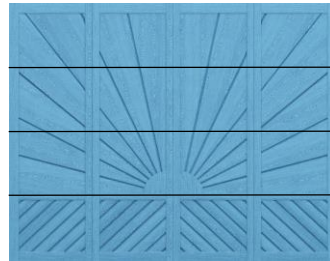
³ Sun design detail



³ Detail of door below



³ Sun door : Natural Oak



³ Sun door : Blue Oak



³ Sun door: Rustic Oak





Vector hardware overlays on raster wood design

Carriage House Designs: Complete Door Prints

- Boards are "cut" from your raster wood designs – or developed as new designs
- Vector overlays for virtual joints or other design features
- Arches and curves are possible
- Virtual decorative hardware easily added
- Panel style: Flat
- Panel surfaces: Smooth & Woodgrain



Vector hardware overlays on raster wood design. Boards are "cut" from raster wood designs. Curved boards are possible.



Vector overlay hinge & clavos



Vector overlay handles



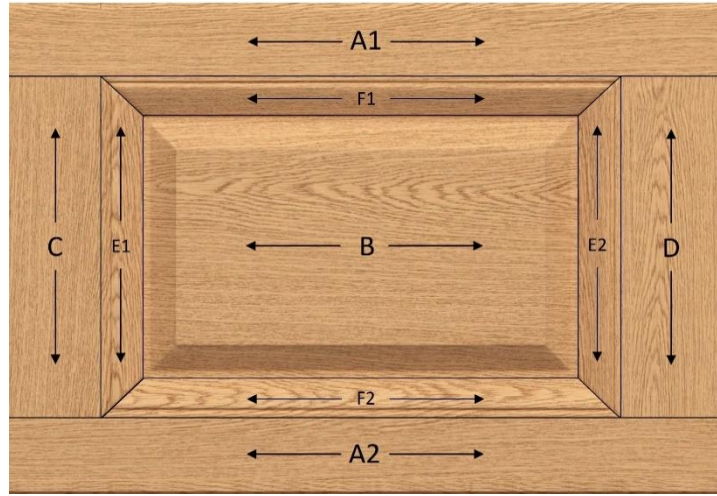
Vector overlay hinge detail



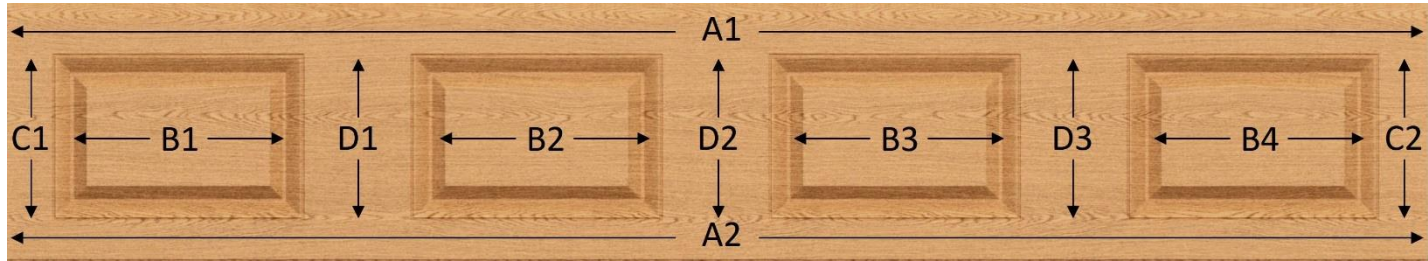


Virtual Cassette Designs: Panel Prints

- Cassette design replicates real wood panels
- Vertical stiles and trim have vertically oriented woodgrain — the same as real wood panels
- Each wood piece is different, "cut" from a wood design
- Alternative is the "folio" version without vertical stiles and trim. See doors below.
- Cassette blocks can be any size or shape
- 3D effects!
- Panel style: Flat
- Panel surfaces: Smooth & Woodgrain



E = vertical trim • F = horizontal trim



A = horizontal stiles • B = cassette blocks • C = vertical end stiles • D = vertical intermediate stiles



Knotty Pine



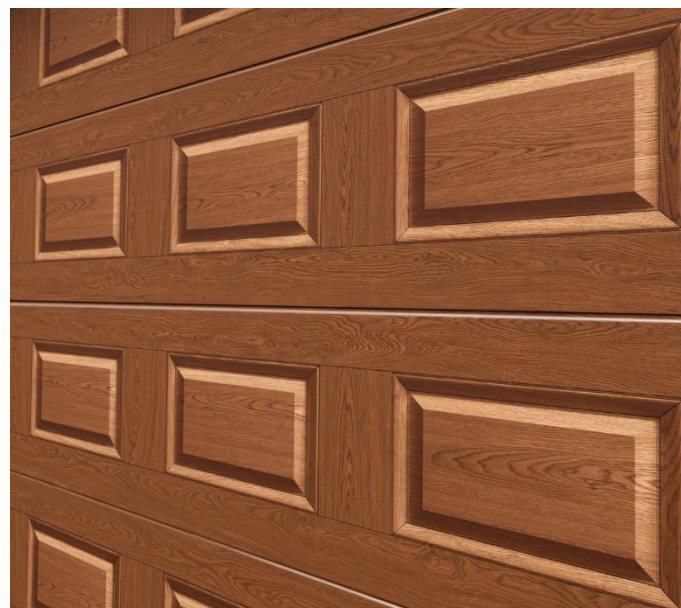
Natural Oak



Golden Oak



Rustic Oak





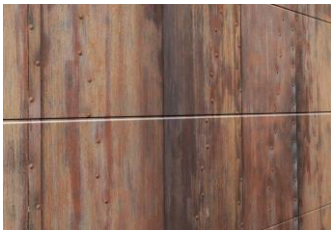
Complete door design: Photograph reproduction

Metal Designs: Panel or Complete Door Prints

- Many metal patterns available in raster and vector formats
- Raster + vector graphics can be combined
- 3D effects possible! See Steel Diamond Plate
- Panel styles:
 - Flat
 - V-ribbed
 - U-ribbed
 - Micro-ribbed
- Panel surfaces: Smooth & Stucco



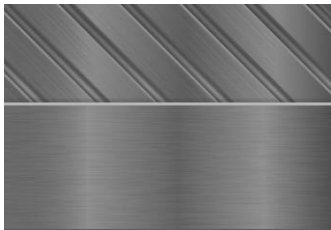
Raster graphics art steel diamond plate with 3D effect. Detail of door below right.



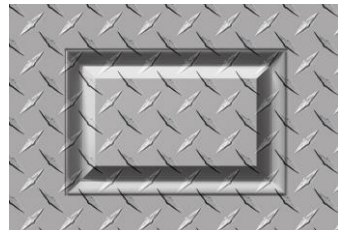
Detail of raster door above



Detail of raster door below



Vector graphics metal look



Vector overlay on raster





Brick, Stone & Beton Designs: Panel or Complete Door Prints

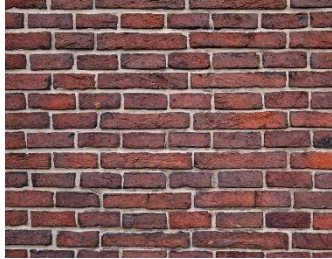
- Many brick, stone and concrete designs available in raster format (photographs)
- Easily adjust pattern brightness, contrast or other effects
- Panel styles:
 - Flat
 - U-ribbed*
 - Micro-ribbed*
- Panel surfaces: Smooth & Stucco*
- * Recommended only for textures like beton. See door below right.



Complete door design: Door matches driveway



Stone wall



Brick wall



White stone wall



Detail of door above



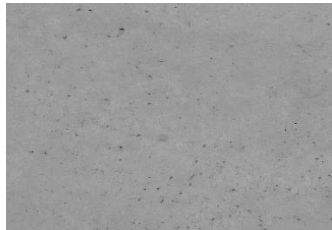
Detail of door below



Brick wall detail



Old stone wall detail



Detail of door below





Vector Designs: Panel or Complete Door Prints

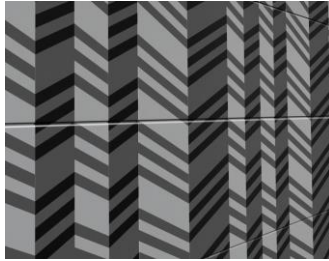
- Many vector designs available
 - Vector designs easily made in many graphics programs (Adobe Illustrator, CoreIDRAW ...)
 - Colors and designs easily modified
 - 3D effects possible!
 - Panel styles:
 - Flat
 - U-ribbed*
 - Micro-ribbed*
 - Panel surfaces:
 - Smooth
 - Stucco*
 - Woodgrain*
- *Suitability depends on the design



Complete door design: Geometric vector graphics on 4 panels



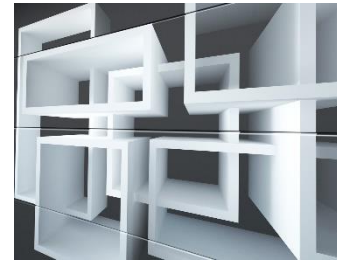
Detail of door above



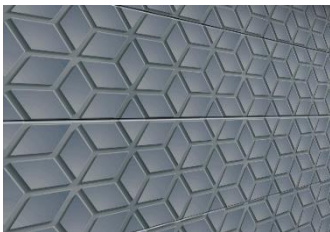
3D effect detail



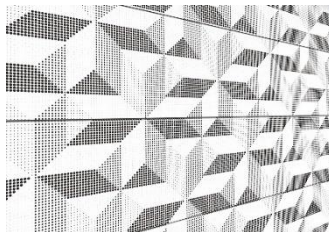
Vector graphics detail



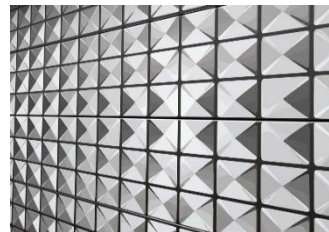
3D effect detail



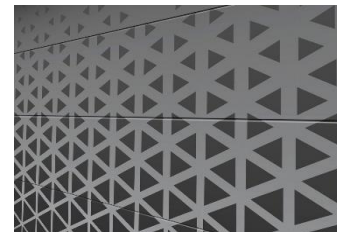
Detail of door below



3D effect with dots



3D effect with diamonds



Detail of door below





Geometric Raster Designs: Panel or Complete Door Prints

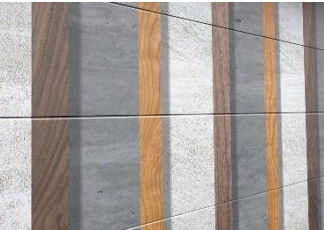
- Many vector designs available
 - Raster designs easily made in many graphics programs (Adobe Illustrator, CorelDRAW ...)
 - Colors and designs easily changed
 - 3D effects possible!
 - Panel styles:
 - Flat
 - U-ribbed*
 - Micro-ribbed*
 - Panel surfaces:
 - Smooth
 - Stucco*
 - Woodgrain*
- *Suitability depends on the design



Complete door design: Raster graphics



Complete door design: Raster graphics. Detail of a panel with U-ribbed style.



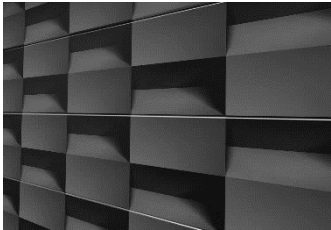
Detail of door below



Detail of panel design



Detail of door above



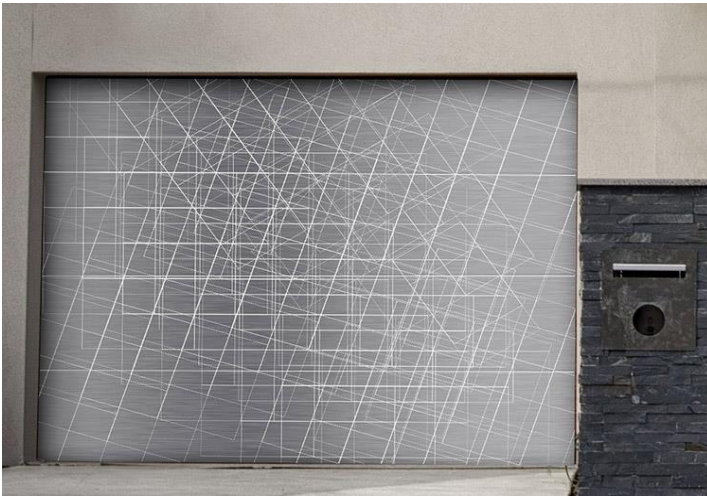
Detail of door below



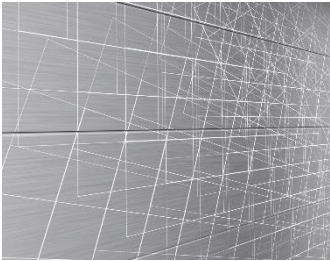


Raster + Vector Designs: Panel or Complete Door Prints

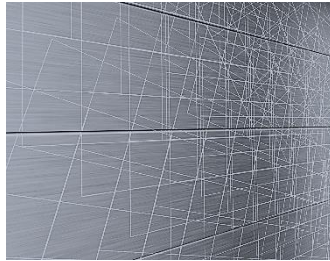
- Combine vector graphics overlays on raster backgrounds for unique door designs
- 3D effects possible!
- Easily adjust colors of vector components
- Brushed metal look raster graphics background
- Different textures can be combined into one design. See door below right.
- Panel style: Flat
- Panel surface: Smooth



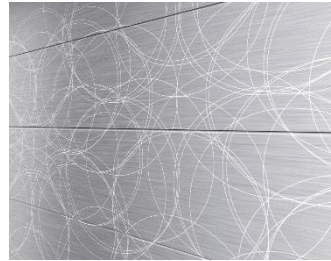
Complete door design: Vector lines over raster steel background



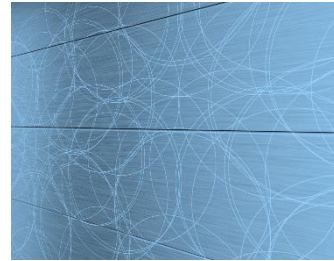
Detail of door above



Vector lines over raster steel



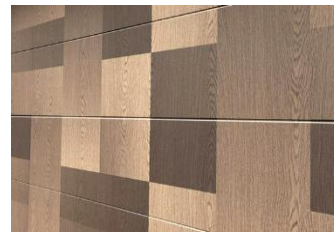
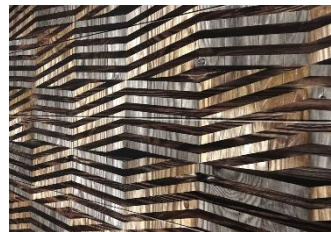
Vector circles over raster steel in two colors



Detail of door below



Vector pattern over raster wood background in two colors



Detail of door below



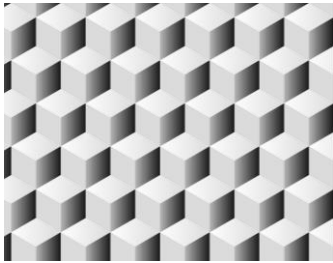


**Vector Designs:
Panel or Complete Door Prints**

- Vector designs easily made in many graphics programs (Adobe Illustrator, CorelDRAW ...)
 - Colors and designs easily changed
 - 3D effects possible!
 - Panel styles:
 - Flat
 - U-ribbed*
 - Micro-ribbed*
 - Panel surfaces:
 - Smooth
 - Stucco*
 - Woodgrain*
- *Suitability depends on the design



Complete door design: Vector graphics



Panel design with 3D effect



Panel design



Panel design



Detail of door above



Detail of door below



Complete door design



Complete door design



Detail of door below





Raster Designs: Complete Door Prints

- Raster designs can be photographs, graphics art or very large format scans
 - The major design issue is up scaling the resolution to achieve a minimum 200 dpi, which can be done with specialized software
 - Graphics software can add effects, such as an oil painting effect, which was applied to the race car door
 - Panel styles:
 - Flat
 - U-ribbed*
 - Micro-ribbed*
 - Panel surfaces:
 - Smooth
 - Stucco*
 - Woodgrain*
- *Suitability depends on the design



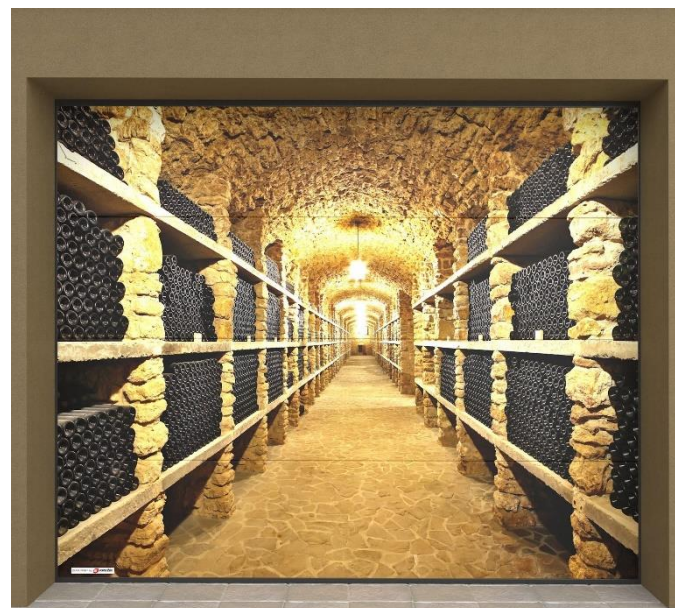
Complete door design: Photograph reproduction



Complete door design: Art reproduction



Complete door design: Customer photograph





Raster Designs: New Green Concept for Panel or Complete Door Prints

- Examples of three raster design motifs for panels or as complete doors
 - Waterfalls
 - Vertical gardens
 - Garden scenes
- Seamless designs available of vertical gardens for easy panel printing
- Panel style and surface: Flat Smooth



Complete door design: Graphics art



Complete door design: Photograph



Complete door design: Photograph



Complete door design: Photograph



Panel design: Photograph



Panel design: Photograph



Panel design: Photograph



100.000 Design Possibilities



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Digital Printing — The Future for Garage Doors

