

Project: Private Residence - Barn Renovation
Location: Pennsylvania
Architect: Voith & Mactavish Architects LLP

Products: WORMWOOD Reclaimed Chestnut Wall Cladding
HERITAGE Reclaimed Oak Flooring
HERITAGE Reclaimed Oak Ceiling Cladding

Completion Date: 2012
Budget: \$2.6 million
Size: 5,000 sf

This early nineteenth century barn was renovated with minimum change in structure or footprint. Originally a stone bank barn with stables and paddock facing south on the lower level and a large hay-loft on the upper level, it has been transformed into a residence that celebrates the simple form, openness, and stone and wood finishes of the original structure.

All interior structural framing walls were left in place, while beams were selectively removed and reinforced to incorporate a new second

floor that accommodates two bedrooms including a master bedroom, two bathrooms, study, dressing area, and closets. All existing structural stone walls were left in place with portions selectively exposed on the interior of the building, which were repointed and parged to match the original look while improving their thermal and moisture control properties. The existing barn yard wall was also repaired and parged to remain in-place, defining the new formal garden area.

New systems, roofing, and insulation were integrated into the existing structure to make this barn a comfortable residence. The kitchen's design and proximity to large indoor and outdoor dining make it ideal as a working kitchen for small dinners and a catering kitchen for larger gatherings.

Reuse was an integral part of this project. All existing barn wood siding and large old-growth plank flooring was removed, locally kiln dried, and prepped for reuse in all of the built-in cabinetry, including bookshelves and all storage in the new kitchen. Any wood finishes introduced that were not part of this original barn structure were salvaged from other barns across PA and West Virginia.



Photo credit: © Jeffrey Totaro Photography, 2013

PRODUCT SPECIFIC DATA:

reSAWN TIMBER co. worked with the architectural team at Voith & MacTavish to specify our HERITAGE and WORMWOOD reclaimed wood to achieve the desired aesthetic. **HERITAGE** and **WORMWOOD** are available in solid or engineered construction, unfinished or pre-finished and in a variety of widths & lengths.

Flooring:

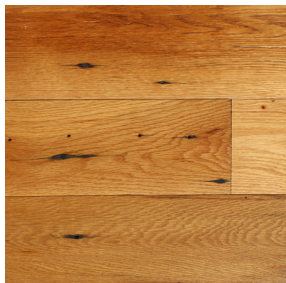
HERITAGE - Reclaimed Oak (Mix of Red White Oak) - Character Grade - Solid, Unfinished (site finished by others)
3/4" thick X 5,6,7" random width X 3-8' random length

Walls:

WORMWOOD - Reclaimed Chestnut - Character Grade - Solid, prefinished with clear polyurethane
3/4" thick X 6" wide X 2-8' random length

Ceilings:

HERITAGE - Reclaimed Oak (Mix of Red White Oak) - Character Grade - Solid, prefinished with clear polyurethane
5/8" thick X 5,6,7" random width X 3-8' random length



HERITAGE

SPECIES: **Antique Reclaimed Oak (Mix of Red/White Oak)**
GRADE: Character
Janka Hardness (ASTM D 1037): 1,325

HERITAGE is a mix of reclaimed red & white oak creating a pleasing variation of colors. Expect a warm palette of colors, with dense & varying grain patterns. Typical character marks include mineral staining, color changes, weathering, checking, nail holes, and knots. Shown with clear hardwax oil finish.



WORMWOOD

SPECIES: **Antique Reclaimed Chestnut**
GRADE: Character
Janka Hardness (ASTM D 1037): 540

WORMWOOD's color can range from light tans to deep browns. Truly unique, American Chestnut is a species that is now effectively extinct due to an extreme blight at the turn of the 20th century. Typical character marks include mineral staining, color changes, weathering, checking, nail holes, knots and a generous amount of worm holes. Shown with polyurethane finish.

MILLWORK: Tongue & Groove, Endmatched

STANDARD DIMENSIONS & EDGE DETAIL:

	Solid	Engineered
Thickness:	3/4"	5/8" (4 mm wear layer)
Width:	5"	5"
Random Lengths:	2'-10'	2'-10'
Edges:	Square *	Square *

Note: Additional widths and lengths available upon request.
* Microbeveled Edges recommended for prefinished projects.

INSTALLATION GUIDE:

	Solid	Engineered
Above-grade	YES	YES
On-grade	YES	YES
Below-grade	NO	YES
Over Radiant Heat	YES	YES

SUSTAINABLE ATTRIBUTES:

POSSIBLE LEED CREDITS

MR 4 - Recycled Content
MR 5 - Regional Materials



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Photo Disclaimer: Project and product photos are meant to be a general guide to product appearance only. Due to our handcrafted process and wood being a product of nature, the color, grain pattern, character and profile will vary between individual boards on a project and will never be an exact match.

Janka Rating from similarly tested products - expected to be close to actual measurements of reSAWN TIMBER co.'s products.