

Project: Ambler Boiler House
Location: Ambler, PA
Architect: Heckendorn Shiles Architects

Product: **WORMWOOD** Reclaimed Chestnut

Project Size: 48,000 GSF - Adaptive Re-use
Certification: LEED Platinum Certified



In 1881, the Keasbey & Mattison Company decided to move their pharmaceutical manufacturing business from Philadelphia to Ambler which was already a thriving farming and industrial community. Entrepreneur Henry G. Keasbey and Dr. Richard V. Mattison began constructing factory buildings and warehouse facilities such as the Ambler Boiler House, creating jobs that brought many new people to the Ambler area.

As a perfect example of Adaptive Reuse, the Ambler Boiler House, after sitting empty since the mid 1970's, is gaining new life as a state-of-the-art office building aiming for LEED Platinum certification, which will accommodate 10 to 12 tenants. The building features a number of sustainable principles, including a geothermal heat pump system, recycled rainwater irrigation system, and interior finishes made from recycled content.

Heckendorn Shiles Architects, the lead design firm for the building, specified reSAWN TIMBER co.'s **WORMWOOD** Reclaimed Chestnut from the enCORE Collection for wall cladding and stairs surrounding the stairway entrance in the main lobby and on the 2nd and 3rd floor stairway entrances. The reclaimed chestnut is finished with reSAWN TIMBER co.'s Hardwax Oil providing a beautiful matte finish that compliments and enhances the natural look of the wood. The Reclaimed Chestnut and zero-VOC Hardwax Oil finish will help contribute towards the goal of LEED Platinum certification for this project.



Photo credit: ©reSAWN TIMBER co. 2012

PRODUCT SPECIFIC DATA:

reSAWN TIMBER co. worked with the Heckendorn Shiles Architects to specify **WORMWOOD** to achieve their desired aesthetic and LEED Platinum design goals. **WORMWOOD** is available in solid or engineered construction, unfinished or prefinished and in a variety of widths & lengths.

Wall Cladding:

WORMWOOD - Reclaimed Chestnut - Engineered, Prefinished

15 mm overall thickness (3 mm wear layer) x 3,4" Random Width x 18"-8' Random Length

Tongue & Groove, Endmatched, Microbeveled Edges and Ends

Prefinished with Hardwax Oil (Clear)



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.

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 products.

INSTALLATION GUIDE:

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

SUSTAINABLE ATTRIBUTES:

CERTIFICATION Available as FSC-Certified

MR 4 - Recycled Content
 MR 5 - Regional Materials
 MR 6 - Rapidly Renewable Resource (Hardwax-Oil Finish)
 MR 7 - Certified wood (as FSC-Certified)
 EQ 4.1 - Low-emitting materials: Adhesives & Sealants (Hardwax-Oil Finish)
 EQ 4.2 - Low-emitting materials: Paints & Coatings (Hardwax-Oil Finish)
 EQ 4.4 - Low-emitting materials: Composite Wood & Agrifiber Products (Engineered)

FINISH SPECS: Hardwax Oil

FLASH POINT	ASTM D 93: > 215°F (PenskyMartens)
RESISTANCE TO WATER	(NEN-EN 13442): no visual or tangible changes.
RESISTANCE TO WEAR	(NEN 2072 – Taber Abraser en CS 17 sanding wheels): strong absorption basantol liquid, only after 800 to 1000 rotations.
RESISTANCE TO HEAT	Until 212 °F

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.

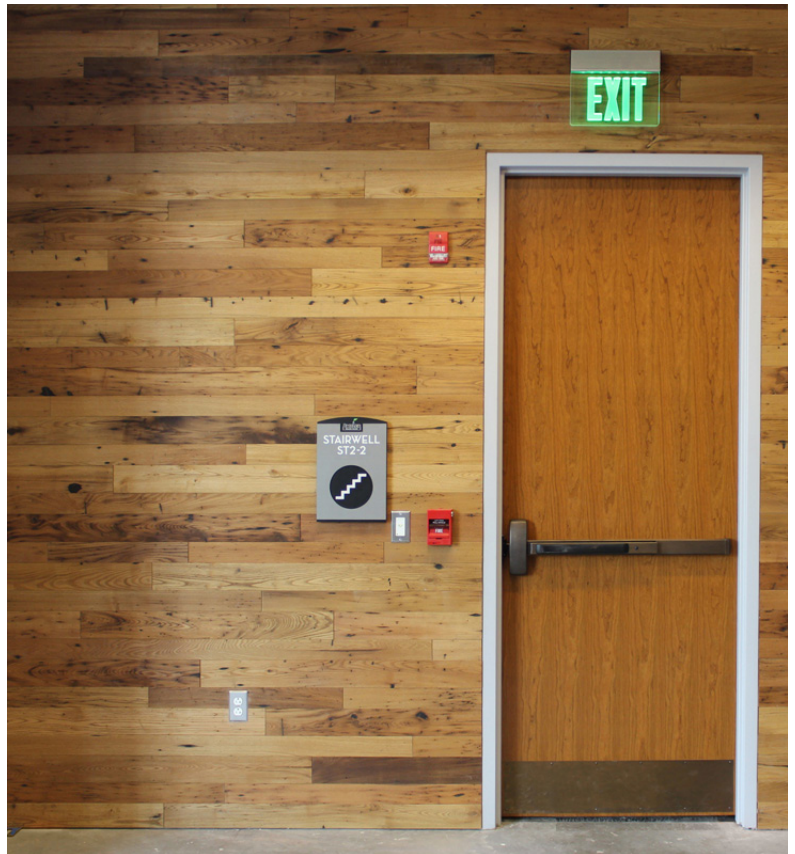


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