Using Reclaimed Wood for Outdoor Projects

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Introduction

-Texan
-Graduate of UT School of Architecture
-learned woodworking with Mark Macek
-Founded Hatch Workshop in 2010 in Austin
-We’ve produced hundreds of furniture pieces that live in Central Texas
-Co-founded Harvest Lumber Company
Presentation outline

- know your wood
- wood for exterior purposes - species list
- implications of using exotic wood species
- harvest urban lumber - process and products
- outdoor projects
Know your wood

-use wood rot resistant woods
  -white oak
  -western red cedar
  -cypress
  -ash
  -ash juniper
  -tropical hardwoods

www. Wood-database.com
www.woodmagazine.com
HARVEST LUMBER COMPANY

- background and experience
- Logs
- Sawing
- Storage
- Air drying
- Kiln drying
- Lumber retail
- Questions?
LOGS

-Wood species and trunk sizes
  - pecan, oak, elm, mesquite, walnut, cypress, pine, pear, misc
  - 18” diameter minimum, 8 ft length

-Sources
  - Arborists and Tree Care companies
  - Homeowners
  - Municipalities
  - City of Austin, Parks and Recreation Dept- Wood Reclamation Project
LOG PICK UP

Residential

1-3 logs

Limited access

Truck, trailer, winch, ramp
SAWING

-Bandsaw mill - Woodmizer LT40

-Stihl MS 880 chainsaw with Granberg Alaskan Mill

-Nails are common in urban lumber

-sharpening bandsaw blades

-Other sawyers with larger mills- Urban Sawyers and Berdoll Sawmill

-We saw all logs at our yard

-Lumber thickness

-Live edge slabs or dimensional lumber
Lumber

- organizing lumber stacks
- fluted stickers
- air drying for 3 months
KILN DRYING

- NYLE L200 Electric Dehumidification Dry Kiln
- Insulated, sealed “container”
- Approx 2000 board feet per load
- 4 week kiln cycles
- Similar species, thickness, moisture content
- Wet bulb, dry bulb thermometers
- 4 probe moisture meters
- Heat treating- 135 degrees for 36 hours
Unique Regional Wood Species
City Log Pick Up

PARD Wood Reclamation Yard
2405 Stratford Dr
Austin, TX 78746

First Friday of each month- 9 am- 3 pm

-Must load yourself

-Forester can cut pieces for you.

https://www.austintexas.gov/event/wood-reclamation-1
KEYS FOR SUCCESS

- pick a rot resistant wood species
- paint or seal the wood very well
- keep under a roof or in shade
- seal end grain
- keep off direct contact with ground
- inspect and re-seal annually
- Check out our inventory

- Schedule a free log pick up at Harvestlumberco.com
HARVEST LUMBER COMPANY

641 Tillery, Austin TX 78702 - www.harvestlumberco.com

Showroom Hours: Thursday-Friday - 9 am - 5pm, Saturday 10 am - 2 pm OR By Appointment

Retail lumber and woodworking supplies

Unique wood species

Live edge lumber

Pre-planed lumber for DIY projects

Trade Discounts

Steel shelving brackets and coffee table legs