



Salvaged Wood Assembled Into Unique End Grain Strips



Douglas Fir



Hemlock - Extra White



Hemlock

Sustainable Custom Wood Flooring

SPECIFICATION FOR UNFINISHED

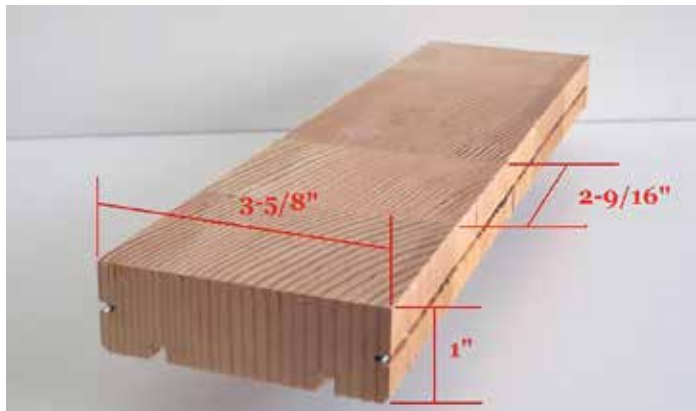
Individual blocks recovered on a short length salvaged and sourced basis. Made in Oregon with a soft aluminum wire on each edge into a flexible strip that is optionally 9/16", 3/4", 1", 1-1/2", 2" & 2-1/2" thick.

- Width either 2-3/4", 3-1/4", 3-5/8" or 4-5/8"
 - Strip length random 12" and longer (80% or more between 30" and 34").
 - Face sanded 40 & 60 grit.
 - Primary species Douglas Fir, Hemlock, White Oak, Alder and Mesquite. Additional sanding and finish application occur jobsite.
 - Bondable direct to concrete or plywood and particleboard.
- Douglas fir is FSC certified.**

SPECIFICATION FOR PREFINISHED

Individual blocks recovered on a short length salvaged and sourced basis. Made in Oregon with a soft aluminum wire on each edge into a flexible strip that is optionally 9/16", 3/4", 1", 1-1/2", 2" & 2-1/2" thick.

- Prefinished with Woca UV or oxydated oil option.
 - Groove-groove construction with slip tongue.
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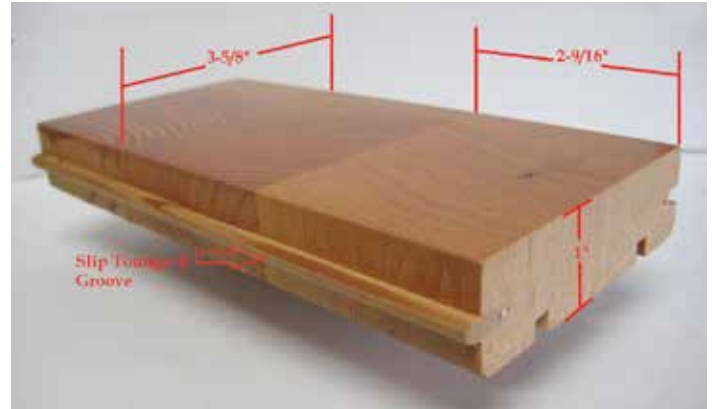


Unfinished plank

LONGEVITY

Enclosed Wood Handbook #72 published by the Department of Agriculture which indicate Douglas Fir on end will take over a million pounds per square foot before there is dimensional change. Industrial jobs installed in the 30's still going strong today. End Grain is so tough it will outlast most buildings. End grain is approximately 7 times more absorbent than either its longitudinal surface or conventional plank and parquet. Protective resins and color in an oil finish are carried into the soft annual growth rings via solvent. Resins and color polymerize permanently solid below the wearing surface and are protected from abrasion by the hard annual growth rings. Conventional

plank and parquet floors are less absorbent than end grain therefore protection is via a film or coat riding mostly on the surface. Urethane is the usual coating, and no matter how sophisticated, all urethanes wear under heavy traffic. Eventual sanding and reapplication necessary to protect the wood and keep the surface sufficiently smooth for maintenance. Contractors spend slightly more time sanding and refinishing ordinary floors than installing new floors. In contrast, with so much more resin and color all in the wood and with the hard annual rings carrying the wear, this unique combination significantly reduces cost of maintenance.



Prefinished plank

RESILIENCE

Each block is individually friction connected on a soft wire. Foot contact on one or two small sized blocks provides more resilience than the same contact on the more rigid and larger sized plank or parquet. The permanently pliable mastic and softness of the wire also improves resilience. Much more comfortable to walk and stand on than terrazzo or tile.

ACOUSTICS

Again the individual nature of each small block on the soft wire over pliable mastic absorbs instead of reflecting sources of noise and vibration. A little bit quieter than other wood surfaces and a whole lot quieter than synthetic surfaces.

INSULATION

The R factor of wood equates to 1" thickness being approximately equal to 4" of concrete.

COLOUR

Totally variable by adding pigment to the finishing oil, which after permanently penetrating into the soft annual growth rings is protected from wear by the hard annual growth rings. Samples enclosed were finished with a penetrating oil color mixed and burnished to indicate only a few of the many colors available.

UNDER FLOOR HEAT

Worthwood can be installed with under flooring heating. Installation temperature should be at a constant 21C not to exceed 28C for daily use.

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