

A

A-Frame	Two wooden or metal uprights mounted in the shape of the letter “A” to support lead blocks at the upper end.
Abrasives	A material that is used to shape or finish a work piece through rubbing which leads to the work piece being worn away.
Absorption	The gain of free water by the cell cavities.
Access	The means of gaining entry to timber on a tract or logging chance.
Across The Grain	Generally perpendicular to the grain direction.
Actual Dimensions	The exact measurements of a piece of lumber. (i.e. – a 2x4 (nominal dimensions) is actually 1 ½ inches thick by 3 ½ inches wide.)
AD (Air-Dried)	Lumber which has been air dried.
ADF	A term used to define a condition upon which payment of an invoice may be made.
ADI	After date of Invoice.
Adherent	A material that is held to another material by an adhesive.
Adhesion	A substance in which two surfaces are held together by inter-facial forces, which may consist of valence forces or interlocking action or both.
Adhesive	A substance capable of bonding material together by surface attachment. Assembly Adhesive – An adhesive that can be used for bonding parts together, such as in the manufacture of a boat, airplane, and furniture. Cold-Setting Adhesive – An adhesive that sets at a temperature below 68 degrees Fahrenheit (20 degrees Celsius) Construction Adhesive – Any adhesive used to assemble primary building materials into components during building construction; most commonly applied to elastomeric-based adhesives. Contract Adhesive – An adhesive that is apparently dry to the touch and that will adhere to itself instantaneously upon contact; also called contact bond adhesive. Gap-Filling Adhesive – An adhesive capable of forming and maintaining a bond between surfaces that are not close fitting. Hot-Melt Adhesive – An adhesive that is applied in a molten state and forms a bond upon cooling to a solid state.

Hot-Setting Adhesive – An adhesive that requires a temperature at or above 212 degrees F.

Room Temperature Curing Adhesive – An adhesive that sets in the temperature range of 68 to 86 degrees F, in accordance with the limits for Standard Room Temperature specified in the Standard Methods of Conditioning Plastics and Electrical Insulating Materials for Testing.

Solvent Adhesive – An adhesive having a volatile organic liquid as a vehicle.

Structural Adhesive – A bonding agent used for transferring required loads between adherents exposed to service environments typical for the structure involved.

Adult Wood

Wood produced after cambial cells have attained maximum dimensions.

Advanced Decay

An older stage of decay readily recognized as wood that has become punky, soft, spongy, stringy, ring shake, pitted, or crumbly.

Aerial Logging

Yarding system employing aerial lift of logs, such as balloons or helicopters.

After Date of Invoice

A term used to define a condition of sale; cash discounts are often allowed for payment within a specified period "after date of invoice."

After Deducting Freight

A term used to define a condition upon with payment of an invoice may be made.

Against The Grain

A reference to the cutting direction; as in planing a board surface, such that splitting ahead of the cutter follows the grain direction downward into the wood below the projected cutting surface. Also, generally perpendicular to the grain direction, across the grain.

Age

Mean age of the trees comprising a crop, forest, or stand. In forests, the mean age of dominant (and sometimes co-dominant) trees is taken. The plantation age is generally taken from the year the plantation was begun without adding the age of the nursery stock.

Air-Dried Lumber

Lumber that was dried, usually outside, to equilibrium moisture content with the air it was exposed to. Any lumber below 30% MC is classified as air dried. Construction grade is around 19% MC. Moisture content of air-dried wood fiber depends on length of drying period, relative humidity, and temperature. It's also referred to as air seasoned.

All-Aged

Forest or stand containing trees of almost all age classes up to and including trees of harvestable age.

All Widths and Lengths

A term used indicating that all widths and lengths of a specified thickness of lumber may be included in a shipment.

Allowable Cut

Volume of timber that may be harvested during a given period of time to maintain sustained production.

Allowable-Cut Effect (A.C.E)

Allocation of anticipated future forest timber yields to the present allowable cut; this is employed to increase current harvest levels, especially when constrained by even flow by spreading anticipated future growth over all the years in the rotation.

Along the Grain

Generally paralleled to the grain direction.

American Lumber Standard

The American Softwood Lumber Standards establishes standard sizes and requirements for the development and coordination of lumber grades of various species, the assignment of design values when called for, and the preparation of grading rules applicable to each species.

American Tree Farm System (ATFS)

A program of the American Forest Foundations Center for Family Forests is the oldest of forest certification programs and was established in 1941. The ATFS focuses its program on private family forest landowners in the United States.

Annual Allowable Harvest

Quantity of timber scheduled to be removed from a particular management unit in one year.

Annual Growth Rings

The layer of growth that a tree puts on in one year. The annual growth rings can be seen in the end grain of lumber.

Association of American Railroads (AAR)

A trade association based in Washington, D.C. representing the nations Class I Railroads. The AAR represents the industry in the broad fields of Law, Public Affairs, Legislation, Economics and Finance, Research and Testing, Transportation, Safety, Engineering, Freight Claim and Prevention and Car service.

AWLS

A term used indicating that all widths and lengths of a specified thickness of lumber may be included in a shipment.

AW&L

A term used indicating that "**all widths and lengths**" of a specified thickness of lumber may be included in a shipment.