

Quick Guide: How to use Accoya® Wood

Transportation and storage

Accoya® wood should be carefully transported and stored in a manner consistent with other high quality woods. This includes keeping it from getting wet shortly before being processed. The equilibrium moisture content of Accoya® wood is quite dry (3-5% in normal conditions). Wood measuring more than 8% moisture content is likely to have excessive "free" water and should be allowed to dry.

Processing

As a result of kiln-drying and our production process, Accoya® wood may have some discoloration. Planing may be desired to remove surface discolorization.

Gluing

Since Accoya® is drier than normal woods and absorbs water in a different manner, this can affect the suitability and curing time of some adhesives. Suitable glues for Accoya® wood are PU, Epoxy and PRF glues. The results of gluing with PVAc can vary and gluing with MUF is strongly discouraged.

Fixings

Always attach Accoya® wood with stainless steel fasteners & fixtures with A2 or A4 (EN 10088-1) quality or AISI type 304 or 316 when possible. You may also use specially coated (epoxy, poly-urethane) fasteners. Preferably pre-drill for screws. Attach small pieces, such as glazing rods, with staples to minimize chances of splitting. 18 gauge A2 quality staples are recommended.

Coating

Accoya® wood may be finished with semi- and non-film forming paint systems such as stains and oils. The products tested to date show that oil-based systems are more quickly absorbed by Accoya® wood than water. Please refer to your coating supplier for advice about the best way to apply their products.

If using film-forming opaque and translucent coating systems, they should be applied on all sides with a minimum film thickness that corresponds to the requirements of the end product and/or paint supplier's instructions. End grains should be sealed with a suitable product so the protection of all finished sides against water (liquid) uptake is approximately equal. Please contact your coating supplier for further advice.

Application suitability

Accoya wood® offers unsurpassed dimensional stability and durability class 1 according to EN 350-2, EN 113 and ENV 807 in risk class 1 to 4 according to EN 335-1. Permanent contact with materials that are pH9 and above is not recommended. The visual wood quality is described by the order confirmation and the "Accoya® Radiata Pine Lumber Grading Specifications".

More information

Please refer to the long version of the Accoya® Wood Information Guide or contact your supplier or Accsys Technologies for additional information. Please see below for the telephone numbers of our offices or visit www.accoya.com/buy_accoya.asp for your nearest distributor.

Qualities of rough sawn Accoya® wood

Accoya® A1

4-sides primarily clear

Accoya® A2

3-sides primarily clear

Accoya® A3

1-side primarily clear

Accoya® B

Dressing quality with limited flaws on all sides

Accoya® wood FJ-A

Optimised and finger jointed according to BRL 1704-2

(USA: available on request only)

For a more detailed description of these and other available grades, please contact Accsys Technologies.



Cert. no. 33058/07
BRL 0605 Modified Timber
Accoya® is suitable for in use class 1, 2, 3 and 4 (EN 335-1)



The mark of responsible forestry



www.pefc.org

All Accoya® is produced from well managed, sustainable sources, including FSC®, PEFC and other regionally certified woods.