DATASHEET
ACCOYA® RADIATA

Accoya® wood is the result of more than 80 years’ research and development that has brought together a long-established and extensively proven wood modification technique - acetylation - and leading-edge proprietary technology to create a high performance wood.

KEY FEATURES

- **Dimensionally Stable**
- **Outstanding Durability**
- **Ideal for Coating**
- **Barefoot Friendly**
- **Naturally Insulating**
- **Excellent Machinability**
- **Insect Barrier**
- **Consistent Quality Throughout**
- **Consistently Insulating**
- **Retained Strength & Hardness**
- **From Sustainable Sources**
- ** Naturally Beautiful Wood**
- **Non-Toxic & Recyclable**

STANDARD LENGTHS

- 94.5", 118.1", 141.7", 165.4", 189.0”
- (2.4m, 3.0m, 3.6m, 4.2m, 4.8m)

Please contact your Accoya® sales manager for stock availability and delivery time.
- All dimensions are actual rough sawn.
- Accoya® wood is available in many other standard decking sizes and siding patterns from our partners.
  - A1: 4 sides primarily clear
  - A2: 3 sides primarily clear

Other grades and dimensions can be made. Please contact your Accoya® Sales Manager for more information. Please refer to Accoya® Structural Design Guide to Eurocode 5 for information on the Accoya® Structural C24 equivalent grade available at www.accoya.com.
INSECT BARRIER

Accoya® wood is indigestible to a wide range of pests and an effective barrier to attack. For example, testing for termites according to AWPA E1 test standards yielded appearance ratings always ≥ 9 (Light Attack) versus control sample averages of 3.5 (worse than Heavy Attack AWPA E1-13 - Standard Method for Laboratory Evaluation to Determine Resistance to Subterranean Termites). Weight loss averaged only 1.43% for Accoya® wood versus control sample averages of 32.06%.

MACHINABILITY

Processing does not affect the unique properties of Accoya® wood, as it is modified throughout and not leachable. It is relatively easy to process and can be compared to profiling a soft wood species. No special tools are required for cross cutting, ripping, planing, routing and drilling. Sanding before finishing is rarely required.

GLUING

Both load bearing and non-load bearing applications have been tested using adhesive systems related to laminating, finger jointing and frame corner joints. While good results can be achieved with most common adhesives, PU, epoxy, PRF and EPI adhesives give the best results. Gluing with MUF and PVA adhesives are not recommended due to the high variation in performance. Specific recommendations for your project are available upon request.

FINISHING

Most commonly used coating systems can be used on Accoya® wood. Testing has been performed with a full range of oil-based and water-based coating systems. Leading coating manufacturers have found that their products last three or more times longer when used on Accoya® wood. Specific recommendations for your project are available upon request.

FASTENING

In good joinery practice, use corrosion proof metal fasteners such as 304 or 316 stainless steel and 6063 anodized aluminum or other metal that conforms to AWPA E12. Use of other metals and alloys is included in the Accoya® Wood Information Guide.

Please note that all values are averages unless otherwise stated and should not be used for calculations in structural applications. For assistance in planning for structural projects, please contact us directly.