



MMF TIMBER HUB PRIVATE LIMITED
10 ADMIRALTY STREET #05-55 NORTH LINK
BUILDING
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METHOD STATEMENT – INSTALLATION OF ACCOYA TIMBER USING NAILING / SCREWING SYSTEM

Preparation of Sub-floors

1. Prior to the commencement of installation, the installer shall inspect the sub floor.
2. It shall be responsibility of the main contractor to ensure that the sub-floor conforms to the requirement of the installer.
3. The main contractor should ensure that requirements by the installer are met.

Health and Safety

1. Wear appropriate PPE,
 - a. Gloves
 - b. Mask
 - c. Appropriate foot wear
 - d. Helmet (if working under overhead structures)
2. Check all tools are in good condition and working order
3. Cordon off surroundings and place prominent notices

On-Site Storage and Handling

1. To ensure that all timber material is kept clean and dry, and handling with no damaged before application.
2. All timber material should either stored inside building or along a shelter area cover with an additional water proof protection sheet. All timber must be stacked on the flat and level on dunnage that are a maximum of 900mm apart and at least 100mm above the ground

Notes:

Accoya® wood should be carefully transported and stored horizontally 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



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content is likely to have excessive “free” water and should be allowed to dry before further processing.

Coating, Sanding and Installation of Timber Decking

4. Coating

Before starting coating application, be aware of the following:

- Do not apply in direct sunlight
 - Do not apply in wet weather
 - Do not apply when the timber is still wet and moisture content is above 8%
 - Do not apply when the temperatures are above 25 degree
-
- a. All deck timber species should be coated before installation, all 6 sides of individual timber boards including all cut ends and exposed fresh timber.
 - b. Avoid coating the top timber surface only, once install it may cause the coating peels off and this is likely cause timber surface movement like cupping.
 - c. Recommended coating application has to done in the factory or dry environment, apply the first coat to all 6 sides of the timber boards before installation.
 - d. Minimum recommendation of 2 layers coating, though more layers may be added depending on expected end state. Strongly recommend to seek for advice to your coating manufacturer.

Notes:

Coatings are applied to Accoya® for largely aesthetic reasons. Guaranteed levels of decay resistance and dimensional stability apply to Accoya® with or without coating. When left uncoated Accoya will weather naturally.

Accoya® wood may be finished with semi and non-film forming paint systems such as stains and oils.

5. Sanding

- a. To sand all of the timber boards using 100/120 sandpaper is recommended.
- b. For timber deck board is recommended to chamfer (1mm-1.5mm round chamfer) 2 sides of timber edge, this will prevent the timber board chipped off easily after installation.

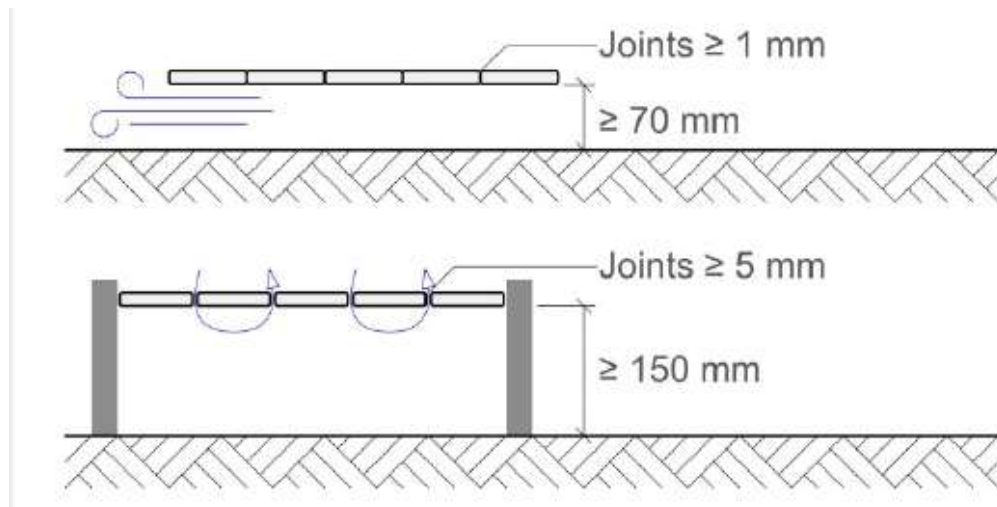
6. Installation of Timber Decking

- a. Install timber batten recommended spacing between battens should not exceed 300mm from center to center; this is based on timber thickness size 19mm/20mm.
- b. Batten spacing recommendation is based on timber deck board thickness, larger spacing would be allowed depending on timber deck board size as well as timber batten side.
- c. All suitable sub-frame or battens have to install in a ventilated system. The sub-frame or batten can be made of Accoya or timber of durability class 1 or 2. The sub-frame or batten may also be made from aluminum.

Notes:

The surface of aluminum may oxidize to a certain extent. The aluminum alloys recommended for use with Accoya® are:

International Alloys AA	Werkstoff-nummer	Germany Din 1712–1725
3003	3.0517	AlMn1Cu
5356	3.3555	AlMg5
6061	3.3214	AlMg1SiCu
6063	3.3206	AlMg0,7Si
6082	3.2315	AlMgSi1



- d. All sub-frame or batten either anchored or glued down onto the cement screeding, Installer have to seek main con advice regarding water proofing before decide on which installation method should be apply.
- e. Allow a gap between boards to ensure ventilation and free draining during wet periods. As general timber decking guide is recommended gap of 3mm to 5mm should be allowed.
- f. Ensure battens are aligned before timber deck board is installed.
- g. All the fixing accessories have to be secured with stainless steel nail or screw.

Notes:

Accoya® is slightly acidic, like most durable woods, it is recommended to use A2 (general applications) or A4 (for seacoast exposures) stainless steel.

- h. All timber deck board needs to be bonded and secured directly onto batten with approved or water resistant adhesive and stainless steel nail or screw.

Notes:

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.



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Site Clean-Up

7. Upon completion, installer will remove or clear all the rubbish, debris and unused items from building site.

Notes:

Accoya® wood is treated with non-toxic chemical and can be disposed by burning.

Inspection of Finished Product

8. Only authorized personnel are permitted to commission the timber deck. Authorized personal refers to installers whom have been though training on Accoya® / Natural wood deck installation conducted by MMF Timber Hub Private Limited, or representatives from MMF Timber Hub Private Limited.

END OF METHOD STATEMENT – INSTALLATION OF ACCOYA TIMBER DECKING USING
NAILING / SCREWING SYSTEM

Last Update – 1st February 2018