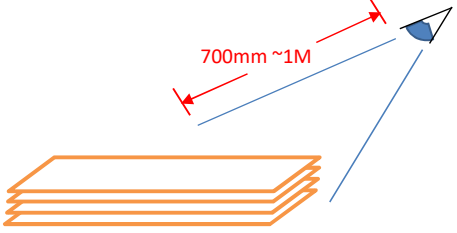
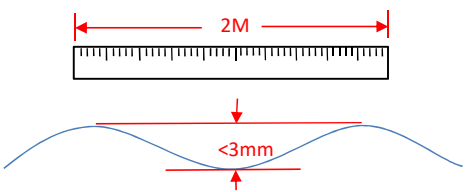
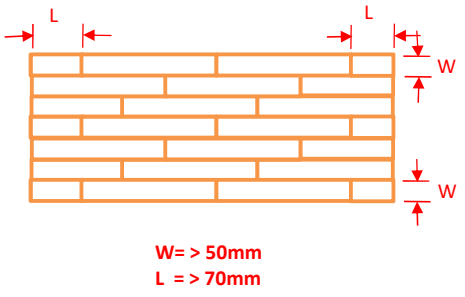
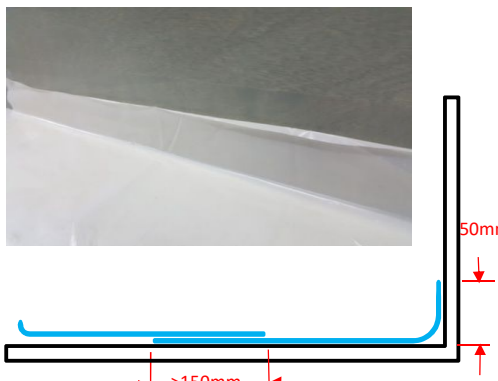




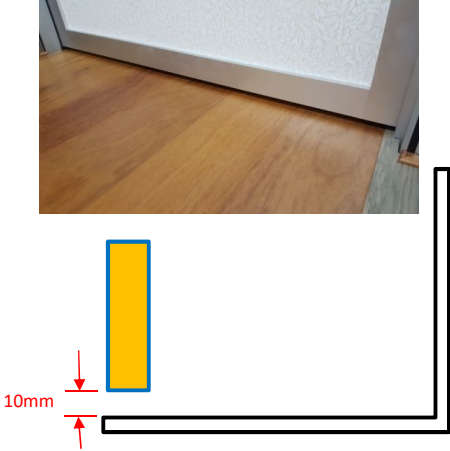
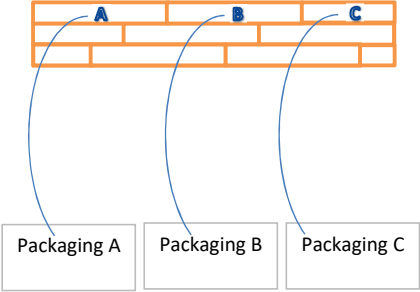
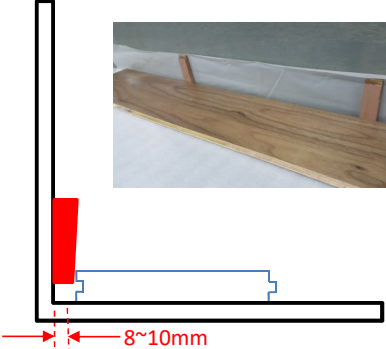
# IONWOOD Wood Flooring Installation Guidebook & Care Maintenance

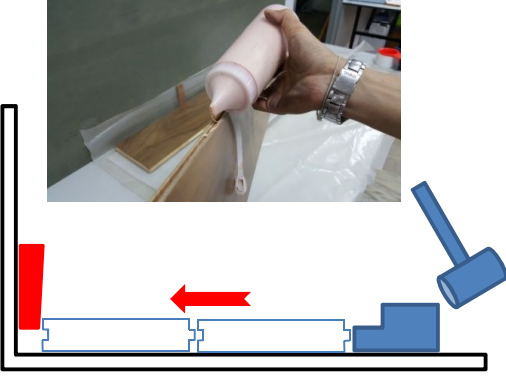
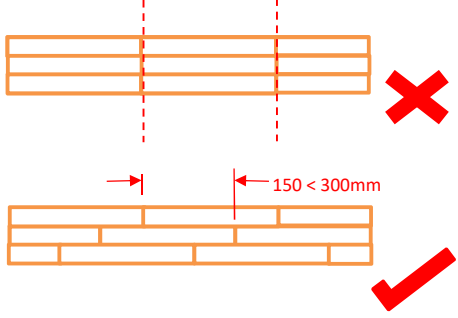
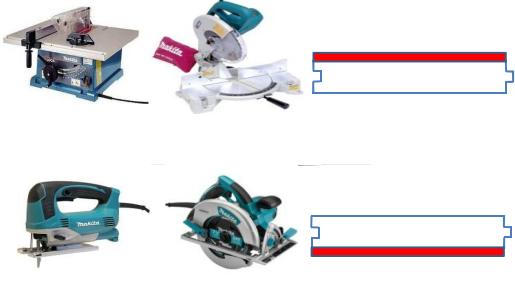
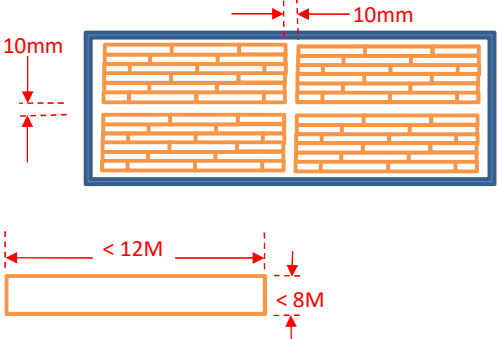
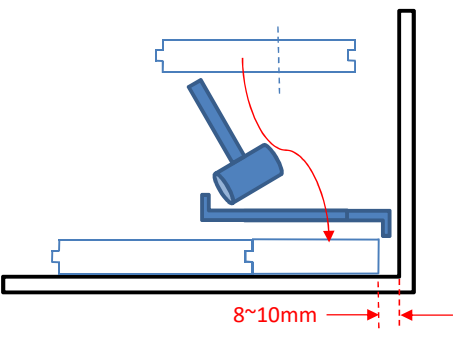
Installer should explain the installation method, and get approval from owner/ person incharge before start the job. Please discuss with owner due those issues as below found on jobsite. Explain to owner/ person incharge the reason of job postpone.

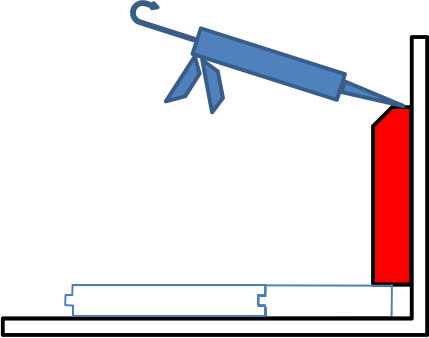
- 1 Site condition to damp. Subflooring moisture content (MC) should be <4% percent of the wood floor MC. Recommended site relative humidity level should be around 35%~65%.
- 2 Cross mixing production is not allow. To avoid unnecessary disputes, the installation job in the proposed arrangement after the half of construction. Pre-check the previous construction as window , ceiling , wiring , air conditioner, door frame and bathroom whether completed.
- 3 No compromise request of Absolute Flatness & Colour variation.

Installation Flow:

<p>1</p>		<p>Inspect the material for defect. Do not use flooring pieces with obvious defect. It is the installer's / owner's responsibility to ensure that the flooring is acceptable prior to installation.</p>
<p>2</p>		<p>Make sure floor base is Flat, Dry and Clean. Firm floor base make installation to be more easier and efficiency. subflooring flatness should be &lt; 3mm per 2meters. All larger irregularities must be evened out.</p>
<p>3</p>		<p>before start the installation, pre-calculate &amp; plan the jobsite to equalizer the pieces of end cut. The minimum size is not less than length 70mm , and width 50mm.</p>
<p>4</p>		<p>Moisture Barrier The methods are, (i) coated with waterproof paint , (ii) laying Moisture barrier 1~2mm film or both. Ensure overlapping the edges to initial laid film at 150mm. Seal the seams with tape &amp; run 50mm up to the wall (lower than Skirting ).</p>

5	  	<p><b>UNDERLAY</b>  choose one. Do not overlap the edges to initial laid PE sheet.  (i) PE Sheet/Foam :  Thickness 1~2mm. With bubble shape Plastic sheet. most common material apply as underlay.  (ii) EVA Matt :  Thickness : 2~3mm. The copolymer of <b>ethylene(E)</b> and <b>vinyl acetate(VA)</b>  It is approaches elastomeric ("rubber-like") materials in softness and flexibility.  Be Silent and stable while walkthrough.</p>
6		<p>Check the doors can still open and close after underlay and floor been installed. Minimum 10mm Space.</p>
7		<p>wood is a natural product.the structure and color in wood may vary.  highly recommend that mix the box as install in order to achieve a natural visual effect.</p>
8		<p>Recommend that plank are laid parallel to the entrance door or as owner's request. Groove side facing the wall. Beginning in the upper left of the space.  Place spacers between plank &amp; the surrounding wall / build in furniture for 8~10mm expansion gap. Apply the glue in a continuous bead along the groove.  Water content level for the glue used to plank tongue &amp; groove adhesion shall be &lt; 25%. Slide end tongue of the second plank to end groove of previous. Wear off the excess glue immediately. Lay the rest until completed the first row.</p>

9		<p>Apply glue to the both side of the groove of the starter board in the second row and attach it to the first board in the first row using tapping block and hammer. After complete the first three rows installation allow 40 minuet for the glue to dry before continue the following rows.</p>
10		<p>Ensure each end joint of plank not parallel with last row. Stragger the end joint at least 150mm~300mm apart.</p>
11		<p>To obtain a clean cut, the top should down when you use a jigsaw or circular saw and up when use a Mitter saw or Table saw.</p>
12		<p>With length of more than 12M and width of more than 8M, there should be every extra meter will need extra 1.5mm expansion space. When width more than 12M(39'), there should be an intermediate 10mm gap expansion joint.</p>
13		<p>Last row will most likely require cutting to width (never less than 50mm). Make sure keep 8~10mm expansion gap to the wall. Install the last row by using prybar to tighten the planks with previous installed row.</p>

14		<p>After complete the end row, remove the spacers and install appropriate skirting &amp; profile to covered that expansion gap using air-Nailer &amp; air-compressor fixed it to the wall. Unflatness sub-floor or wall may caused gap appearance in between Plank &amp; skirting.Fill it up with Elastic Paste.</p>
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**Installation caution :**

- 1 Present the good image to customer. Exp: Non smoking at jobsite e.t.c.
- 2 Screening for the suitable cutting area and try to isolate the installation site.
- 3 Within the floor of walking area were covered with a protective film to reduce abrasion on the floor.
- 4 Before leaving the field , make sure all doors and windows are closed. All construction remaining residue must be clear out.

If the jobsite not been occupy in short period, please to:-

- 5 Affix any paper on the window and glass door to prevent sunlight exposure.
- 6 Lay the corrugated board on the floor.

**Floor Care and Maintenance:**

The wood flooring should be taken care and maintain carefully.After installation proper caring and maintainanceare very important to well-kept the flooring appearance and life span.

- 1 Sweep or vacumm regularly since sand grits can damage the surface of the wood.
- 2 Remove splits promptly using a soft cloth and wood flooring cleaning products.
- 3 Always keep the bath room matt in clean and dry.
- 4 Lift furniture and never drag it over the floor.Place protective pads beneath furniture and the floor to reduce srcatches and dents.
- 5 Exposure to sun and UV rays accelerates the oxidation and aging of wood. This may cause the wood to fade in color.recommend use curtain to protect the flooring from heavy sunlight and high heat.
- 6 keep pet's nails trimmed.and paws free of dirt to avoid scratches on the floor.
- 7 Remove spiked shoes or high heels before walking on floor.