



composite  
by Deck-Max®

# ZHU Install Sheet for Composite Decking

## Notes

- Your decking has two faces -
  - A. is the timber texture face
  - B. is the non-timber texture face.
  - Either side can be used or you can also mix these surface finishes.
- Your decking is packed in bundles of 3 lengths - when lifting be careful of the weight of these bundles - approx. weight is 30kg.
- When un packing DO NOT drag the boards over each other to prevent damage to the surface.
- When handling during installation do not drag the face of the board over a rough surface this will prevent damaging the face of the board.
- See the artwork at the bottom left of this page - This is the install sticker on each pack of timber, when removing you may have some residual paper left on the surface - DO not scrape off - simple apply water and allow to soak then remove with broom and bucket of water.

### Tip:

When laying out these boards plan that all joins are set to be in a straight line as in diagram C. OR use a beaker board - see diagram D.

**Starter Clip** - set along the joists then set your first board to it.

**Clip and screw** for fixing boards to sub frame - sets a 6mm gap.

**Gap setting tool** - 3mm / 4mm / 5mm / 6mm

**Joist setup to optimise waste management**

**ZHU composite by Deck-Max**

**Tips for installation:**

- Set Joists @maximum 400mm centres
- Minimum joist width 45mm
- See Joist and board layout
- Allow 15mm to 20mm when boards are fixed within a wall to wall situation
- Set minimum gap between the ends of 4mm, use the setting tool.
- Fix clip and screw at every point that the board intersects with joist sub frame.
- Do not over fix the screw into the clip
- When using the starter clip be sure to set straight line as this is the first board and is your straight edge to pull to.
- Use the Deck-Max Decking clamps during the assembly of the boards. Cut board just like timber standard tools used.

133mm wide x 24mm thick

FADE Resistant  
Slip Resistant  
Weather Resistant  
Scratch Resistant  
Mold Resistant  
Low Maintenance  
Termite Resistant  
Splinter Resistant

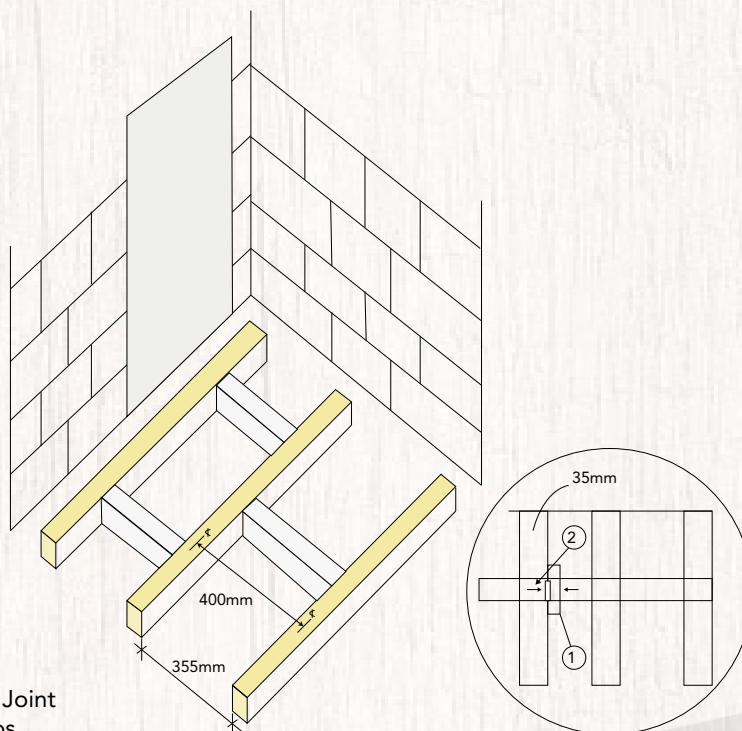


## Joist

Minimum Joist width  
45mm

If adding to a existing 35mm

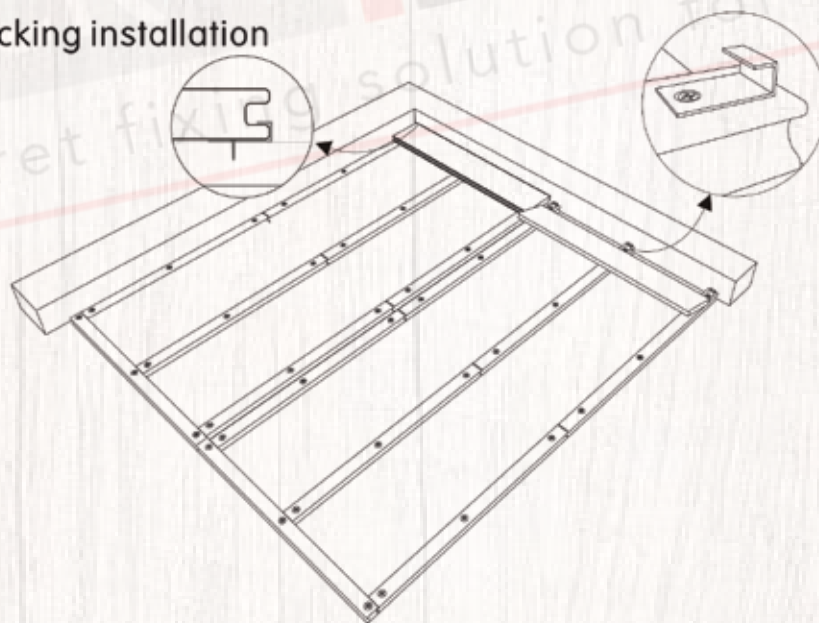
- 1 Fix adjoining timber to allow Butt Joint
- 2 Butt Joint on double joist 4x clips



Maximum joist centres is 400mm centre to centre. Best space setting is 350mm. When using a breaker board or a picture framing board set the joists to suit the width of the board and can fix on both sides of the board - see image # 1 black arrow is the outside fixing point using the countersink tool and a surface fix screw.

Note: leave clearance to the perimeter and allow for any expansion and also check with your building code for pest spraying access needed.

## Decking installation



Setting the first board:

- The starter clip has its own screw
- Set a straight line or string line and fix off the starter clip at same centres as the joist are set at
- Insert the board then commence the installation process with a clip to the inside of the first board. - - see image # 1



- When laying the boards end to end be sure you use the 3mm gap setting - Tip is to use 2 per joint so they sit square and the next board stays parallel.
- Steps to Fixing the clip along the length of each board:
  1. Hold clip into the groove and inset the screw
  2. Hold the clip firm into the groove vertically and fix the screw in to the frame - NOT all the way - see image # 1
  3. Leave the screw proud by say 15mm - see image # 2
  4. THEN repeat to all clips on the length of that board
  5. NEXT STEP - bring the next board in and engage the clip to the groove of the adjoining board - see image # 3
  6. Then clamp these two board together
  7. Then go back and finish the screws
  8. While the clamps are still applying pressure repeat step 2
- Tips:
  - Do not over tighten the screw into the clip.
  - If the frame is hardwood or difficult to drill into then use the 3mm drill bit supplied and run a pilot hole same depth as screw.
  - When clamping the adjoining board you are fitting will not have been fixed - SO simply apply the clamp under the joist and pull board down until the next board is secure - see image # 3



Image #1



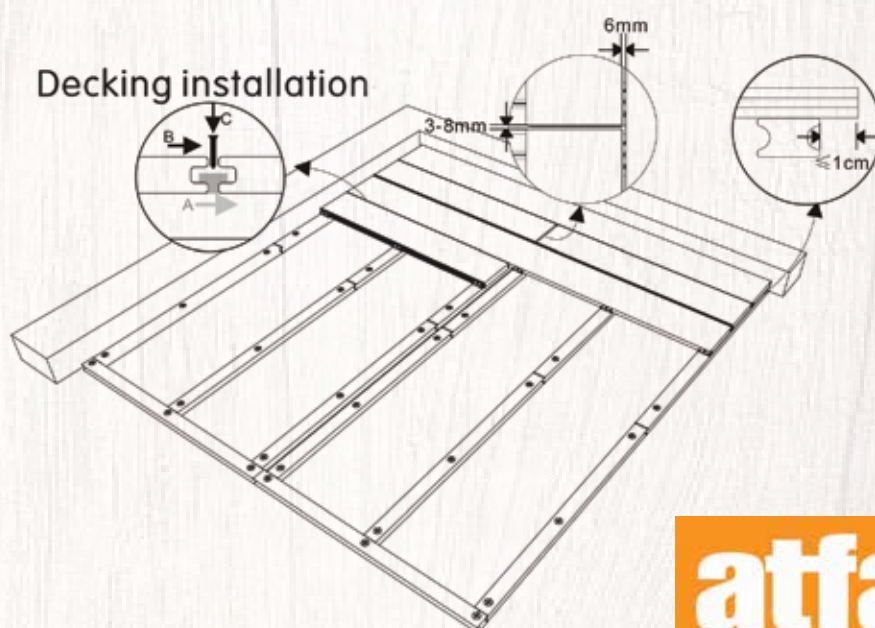
Image #2



Image #3

Setting the butt joints - if you use a joist less than 45mm wide then you must do double joists as shown here.

Apply 2 x clips on each side so each board is fastened to the joist.



**Option #1. Install effect**

- This layout is an alternative to Butt joints as shown in #2.
- This layout offers fantastic detail and manages wastes very well in using the breaker boards to suit the 2.8m set lengths.
- Does require the frame to be built to suit the 133mm wide board and the 6mm gap.

**Option #2. Install effect**

- This sets up all joints to be in line as an alternative to Breaker board design in the Option #1.
- You can have 1, 2 or more boards between the joints depending the size of the job.

**How to do mitres on corner**

Step 1. Biscuit cut on both faces. Mark both tops with chalk as seen in step 4.



Step 2. Biscuit cut on both faces. Be sure the cut height is equal to bottom of board.



Step 3. Insert the Butt joiners as supplied.



Step 4. Check to see the boards are even on all faces and they line up before you fix one of them.

**Help & Support Line: Monday to Friday 7am to 4pm 1300 306 660**

This is a guide only and for more details call us prior to install.

