



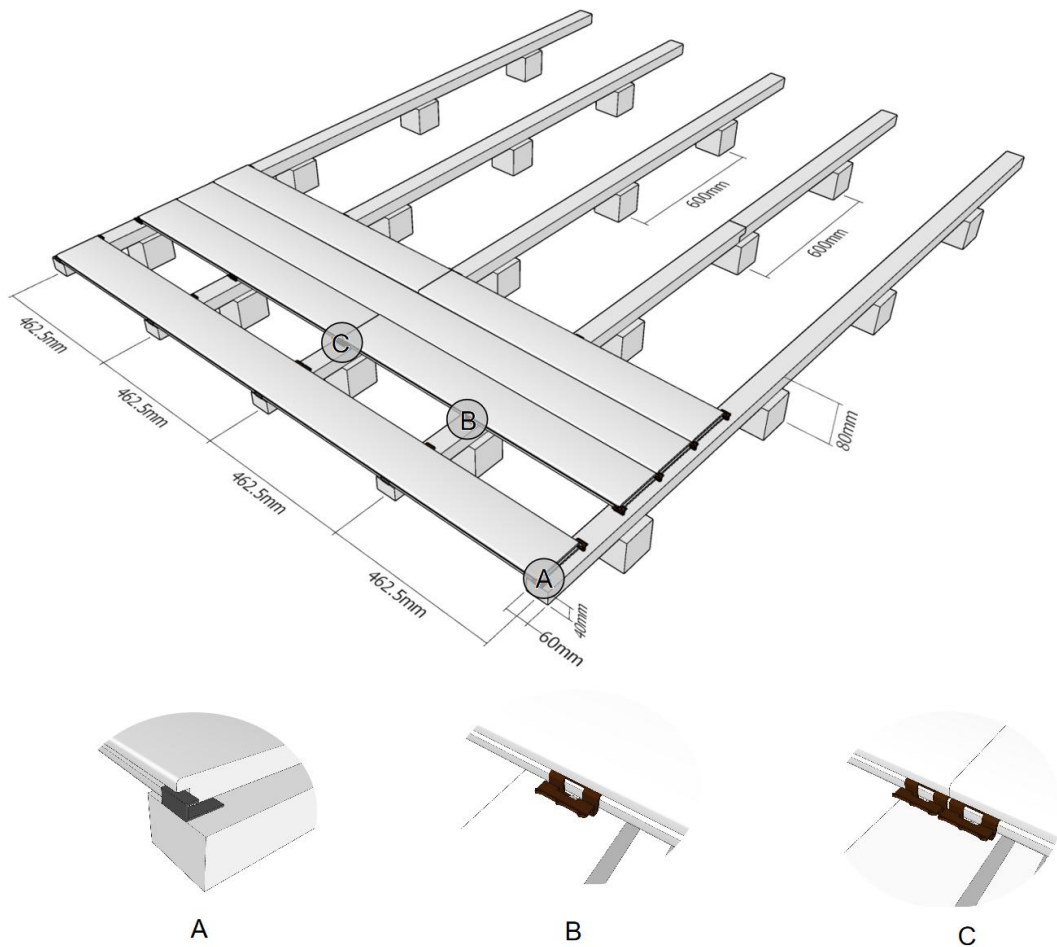
## Decking Installation Instruction

V202212



## Preparation before installation

1. Water logging under the decking must be avoided by preparing a water permeable ground structure. This can be achieved by sand layers and gravel dispersion above.
2. Use cement / stone tiles more than 40mm thick or pedestals, to support the sub frame. See drawing 1.



Drawing 1

3. Install the decking boards with a slope to enable water to run off the surface. Increase the bottom height by 2mm in the direction of decking length and width.
4. Ensure good ventilation of the decking end by keeping at least 20 mm space at walls and obstacles and avoid closing the terrace on the sides.



5. There should be at least 80 mm distance between the decking bottom and the surface underneath the floor. The joist thickness should be more than 40mm.
6. The safety seam of 5-6mm should be left between the adjacent boards. The fastener will automatically adjust the safety gap when installed with special.
7. The decking have tongue & groove end-match, during installation the ends does not need to have a seam.
8. Use sub frame joists with the minimum size of 40x60 mm. Suitable joists are those with the same durability class as the decking, if using steel frame, the steel thickness should be min. 2mm.
9. Install the boards on sub frame joists with 462.5 mm space between the joists (center-to-center). Note : the spacing between the center of the first keel and the center of the second keel and the spacing between the center of the last keel and the center of the last keel is set at 432.5mm for the 1850mm long floor because the keel width is 60mm.
10. Other sub frame joists should be installed with 5-8mm distance between the end of the joists. Before the product leaves the factory, the end is treated with a sealer to maintain the balance of moisture absorption and loss at the end of the board. Therefore, after cutting during installation, it must be painted with sealer or wax etc.

## **Matters need attention**

1. Bamboo is not a composite, WPC or PVC (floor-)covering material ,Bamboo is not a wood but a grass, but regarding to ingredients, properties and characteristics, bamboo can be compared with natural hardwoods.
2. The dasso Fused bamboo board is a natural forest product, which varies in color, grain and appearance. Color can change fast from original to brown or grey by UV rays, depending on the location.
3. Cracks and splinters on the surface and on the end of the boards will arise from the different drying characteristics of the surface and cross cut ends. Besides this,



the problem of water absorption and expansion of outdoor surface materials causes surface cracking and wire hopping, the surface gets rough. This phenomenon is normal for most wood species and is minimized for this product by its patented treatment production method. Head sides cracks can be further minimized by applying wax on cross end sides of the cut boards.

4. Dimensional change or cupping of the boards can occur after installation. If the upper and bottom sides humidity difference is very big, easy to cause shingle. This phenomenon is normal for most wood species and is minimized for this product by its patented treatment process.

5. When using the flat side of the boards as surface, please note that deformation under influence of climate will be significantly more visible. Deformation of the surface is not considered to be fault of the material.

### **Option1: Clip Installation**

1. Determine the surface side of the boards (Reeded , V-grooved or Smooth surface).
2. Use fasteners or other suitable fasteners in the following sequence.
3. Press fastener in the groove of one decking board. It's recommendable to use dasso fastener DC-08A
4. Tighten the screw in the fastener and the sub beam.
5. Use approx 20/17/14 fasteners per m<sup>2</sup> this is depending on the type or board 137/155/178mm wide. When the tongue and groove are connected on the sub beam preferably use 2 fasteners, 1 for every board, as shown in figure C.
6. Only use the included stainless steel decking screws (4.5x30mm).

### **Option2: Screw down installation**

1. Determine the surface side of the boards (Reeded , V-grooved or Smooth surface).
2. The side of the board. Be sure to pre-drill with a large enough drill to avoid cracking of the decking. For hardwood and bamboo keels, please drill about 2/3 of the length of the keel in advance.



3. Always use 2 screws for the width of the board (left and right) of the board. The minimum distance from the pre-drilled screw hole to the edge of the plate is 25/30mm when the end needs to be fixed with screws.
2. Use stainless steel decking screws (5x50mm).

## Maintain after installation

1. The decking must be cleaned and maintained at least once a year. Please use WOCA outdoor decking cleaner, silicon trioxide cleaning brush and sand tray to clean the floor. Please read the manual of WOCA oil for details. Adjust cleanliness times depending on climate and usage.
2. When there is liquid stain on the floor, rinse the decking with clear water, and then dry it fully.
3. It is advisable to keep the deck clear of dust and dirt as much as possible (sweep regularly).

**Remark:** In the process of producing bamboo boards, the surface oil content of bamboo boards is insufficient as bamboo pores are not opened. It's recommendable to carry out one maintenance after 4-8 weeks of installation.

## Storing

Store dassoXTR & dassoCTECH in a dry, cool place protected against dust and direct sunlight.

## Additional note

Whilst all due care is taken to ensure the accuracy of the installation instructions, individual circumstances (location, sub floor and installation procedures) may vary and are beyond the manufacturer's control. In case of doubt, therefore, consult the distributor.