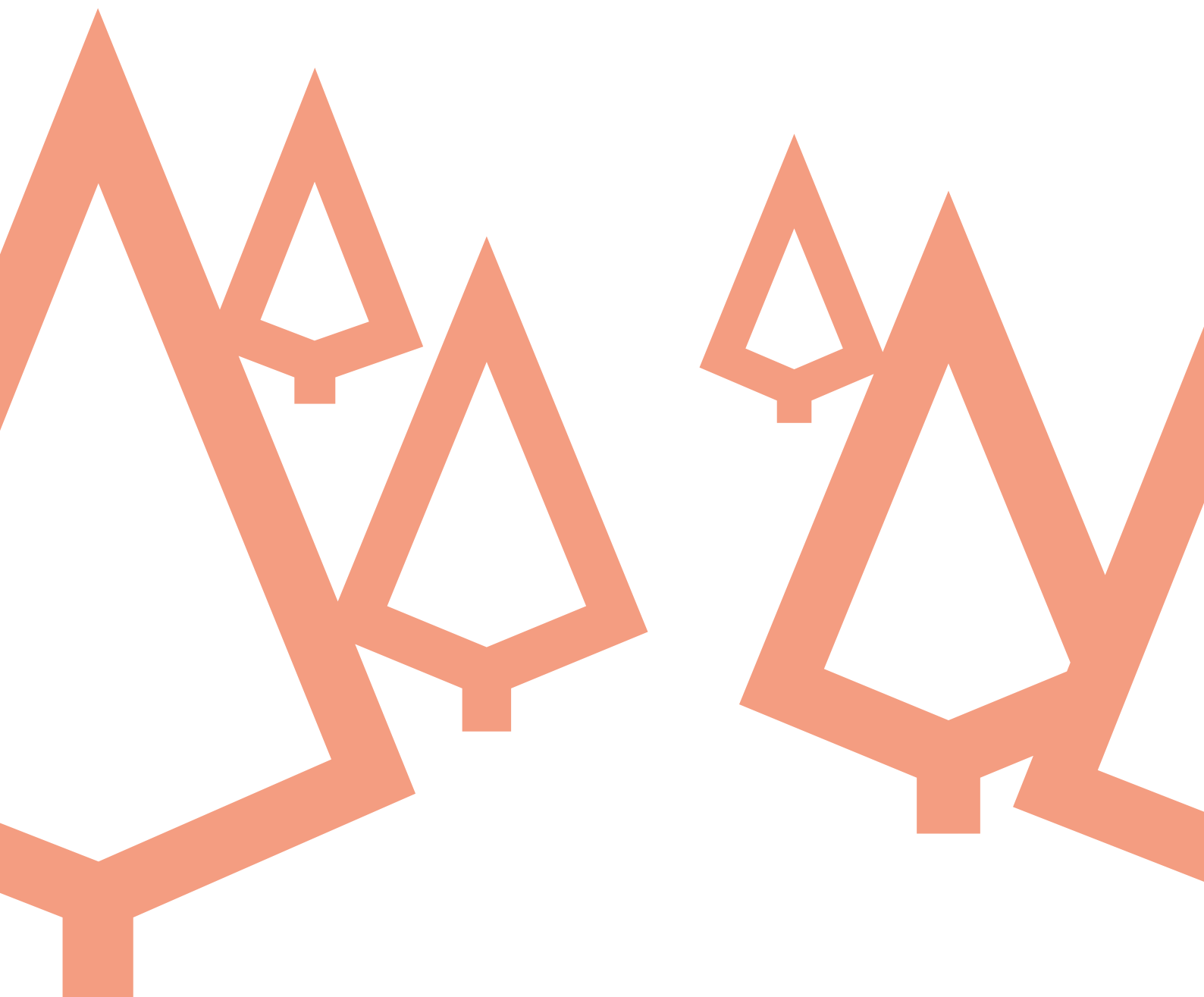


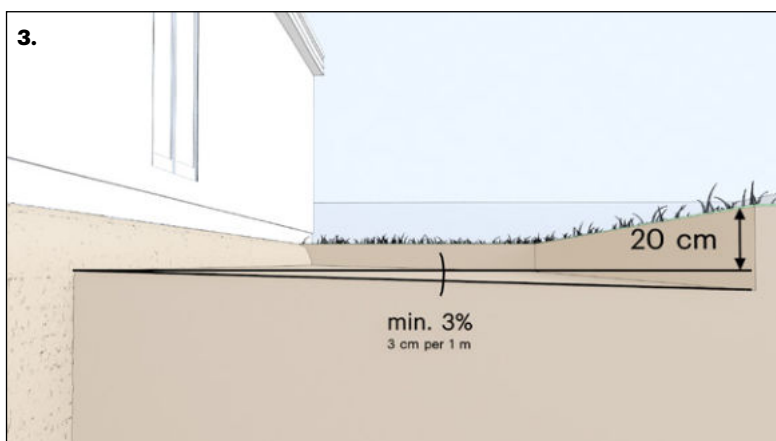
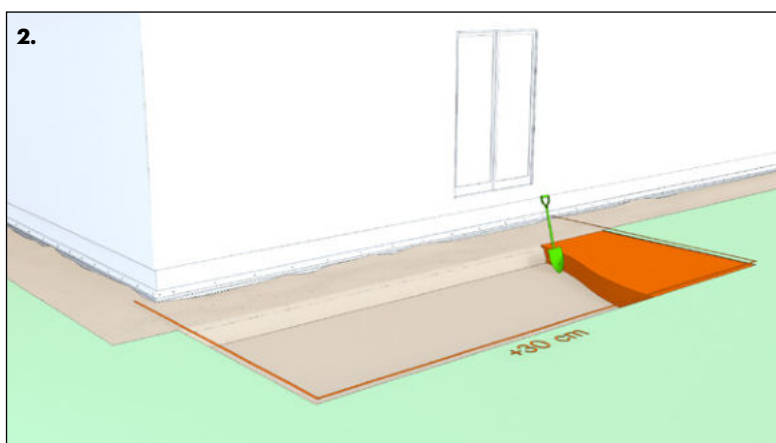
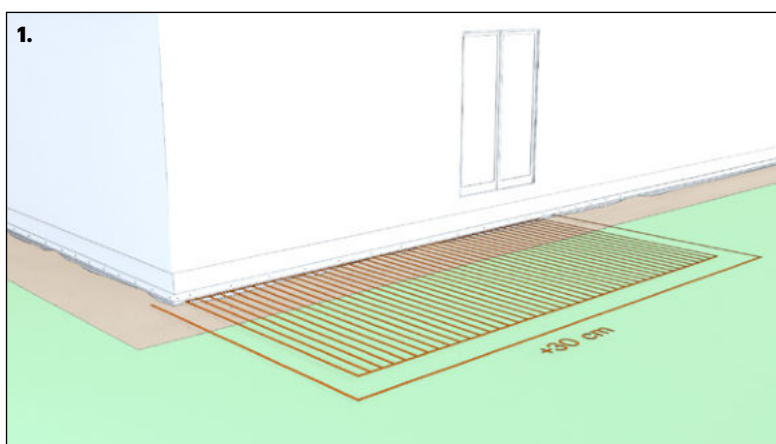


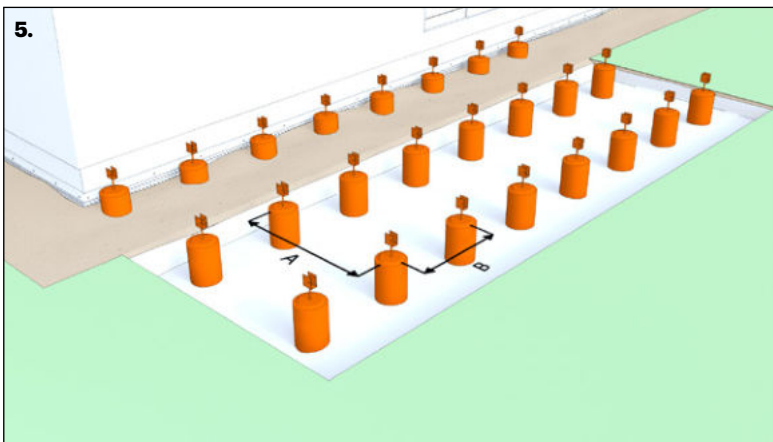
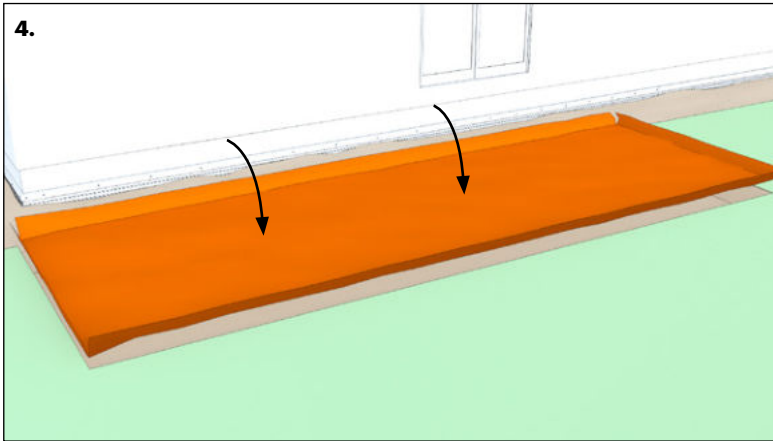
DECKING INSTALLATION GUIDE  
WITH PROFIX 2 PLUS HIDDEN FIXING SYSTEM



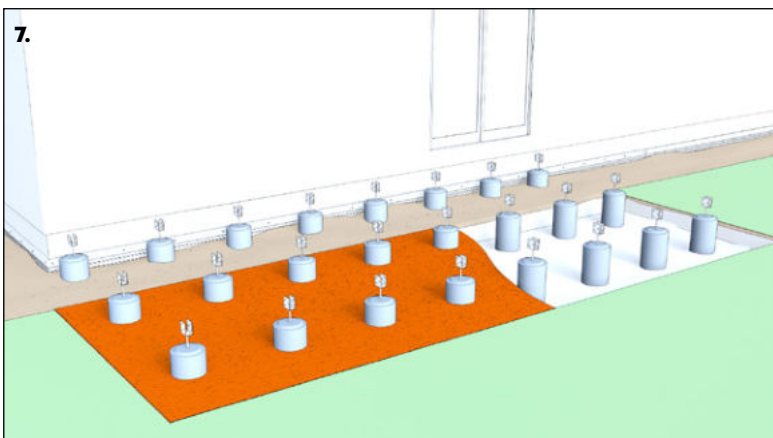
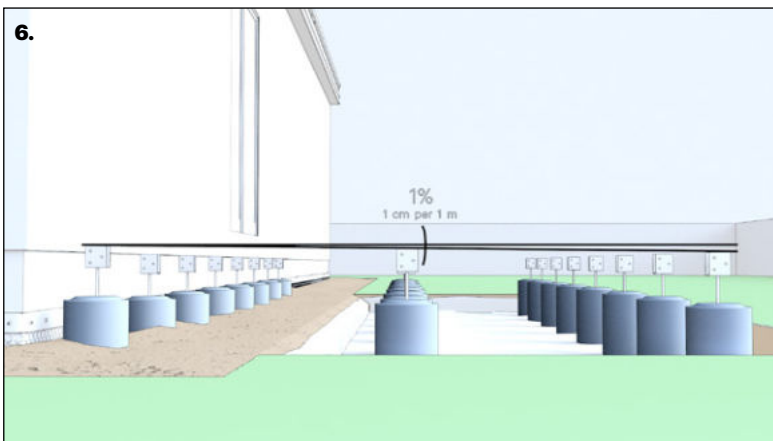
# Decking Installation Guide

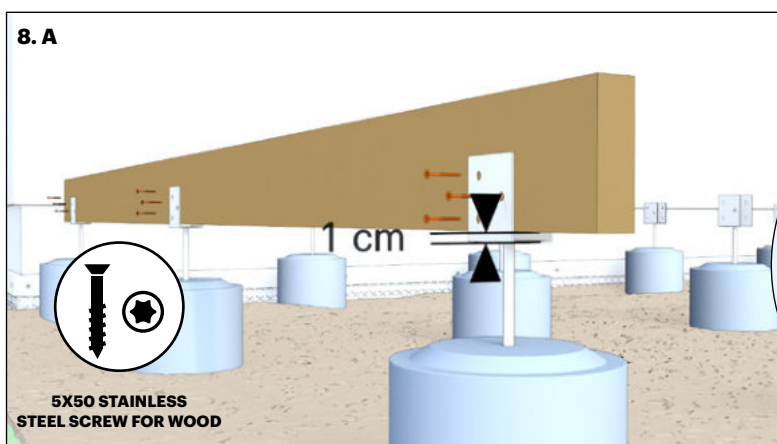
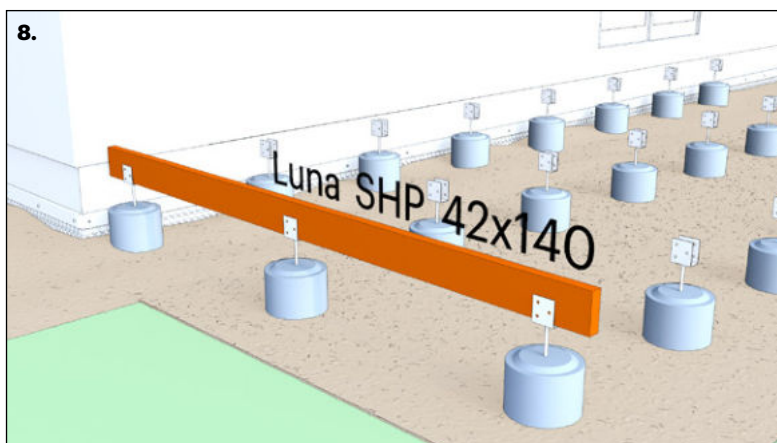
Please check and read carefully legal disclaimer and written instructions after the picture guidelines.



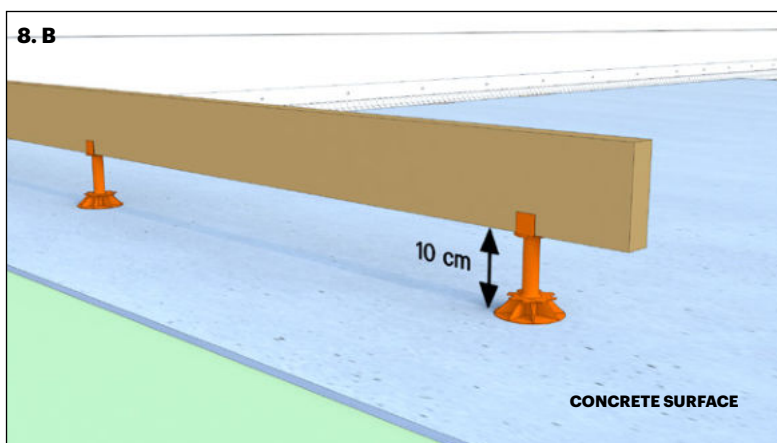
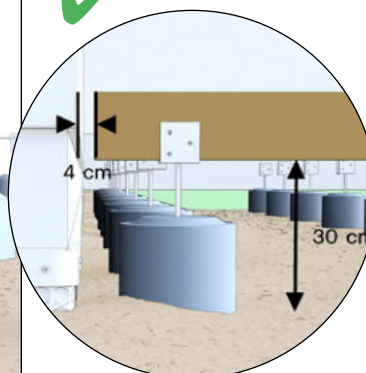


A	max. 120 cm – 140 width support
B	max. 80 cm – 92 width support

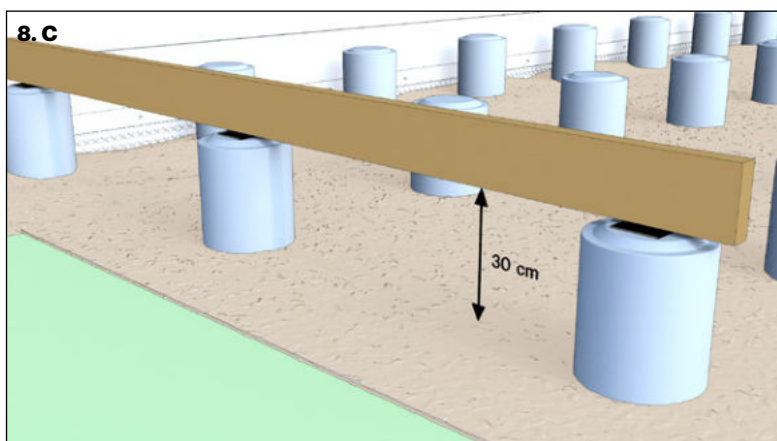




**Option A**



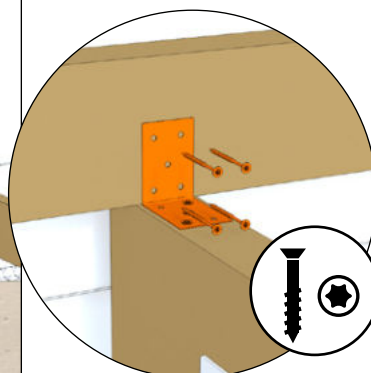
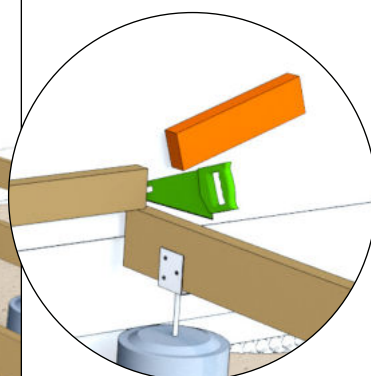
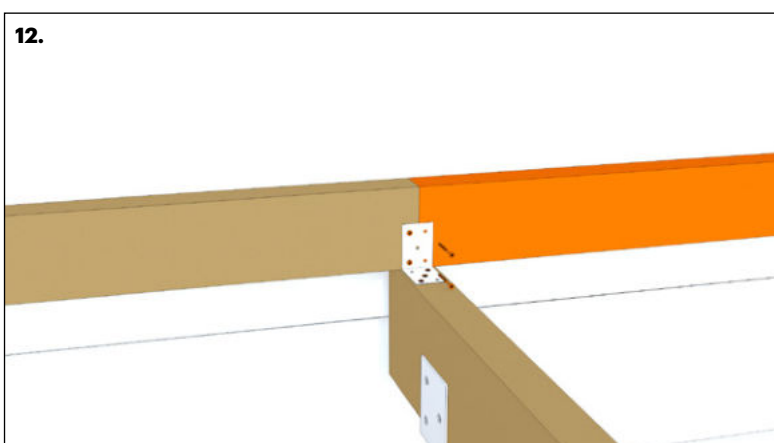
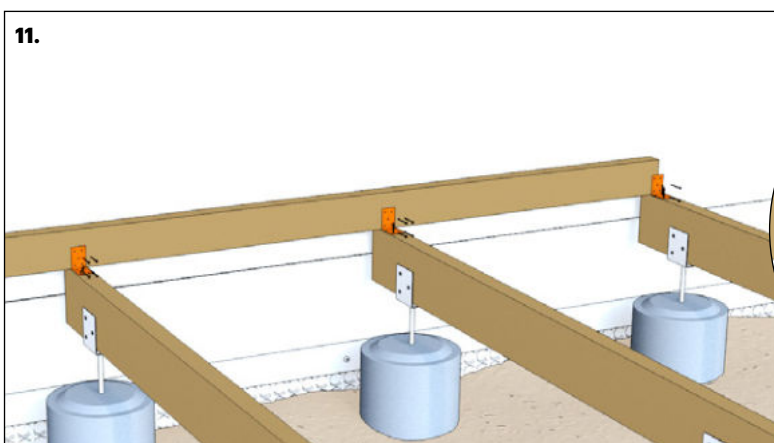
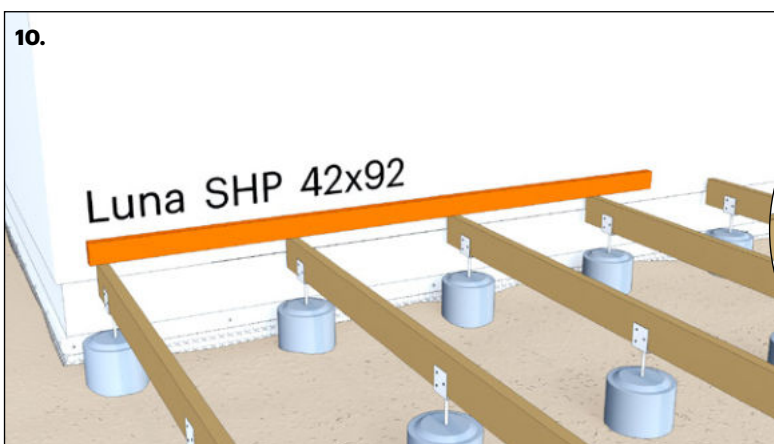
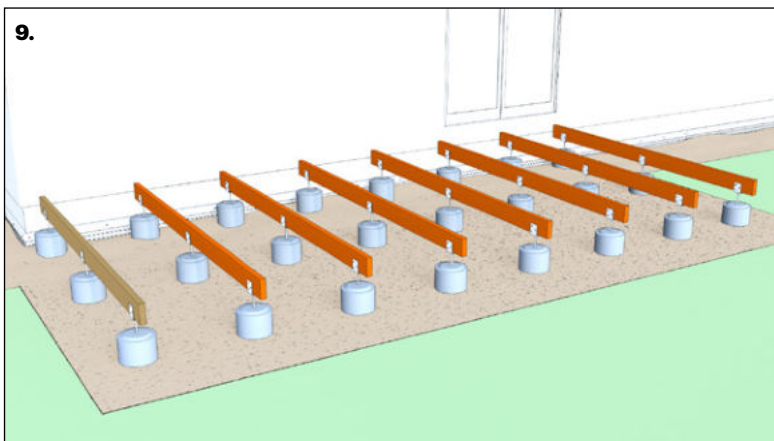
**Option B**



**Option C**

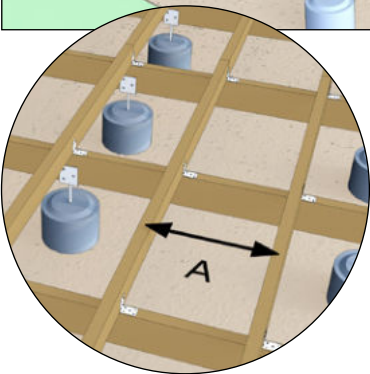
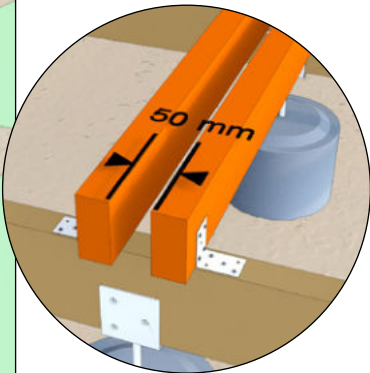
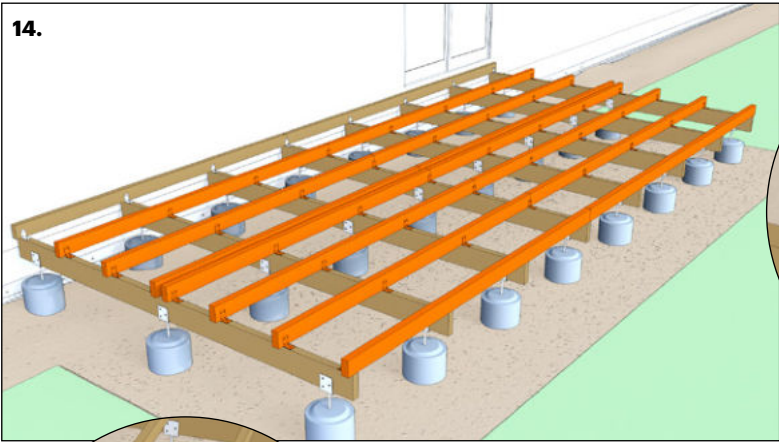
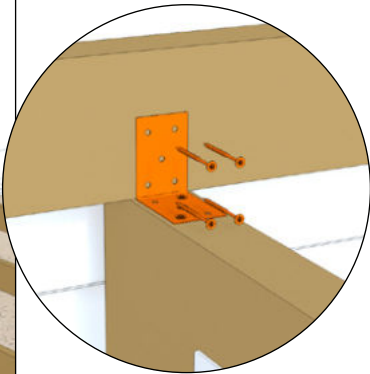
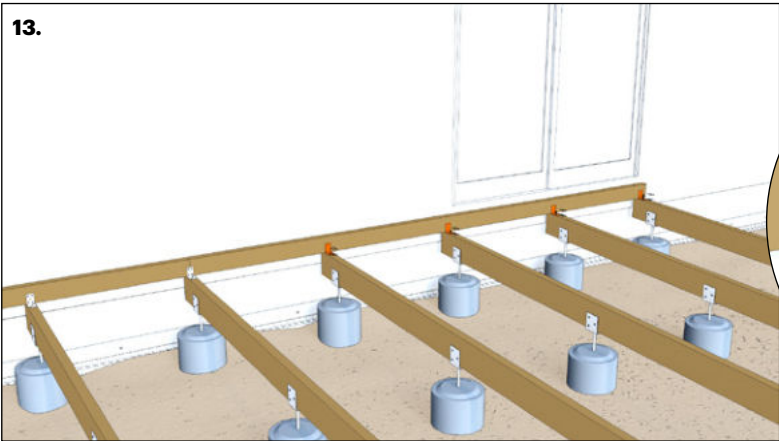


Bitum layer to block moisture to rise from the ground to the timber structure.

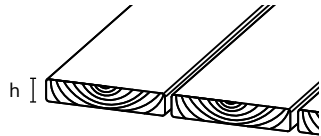


5X50 STAINLESS  
STEEL SCREW FOR WOOD





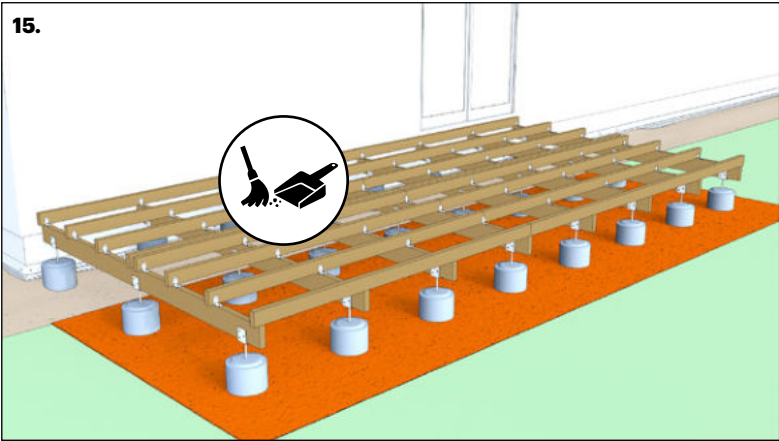
**Deck Board**

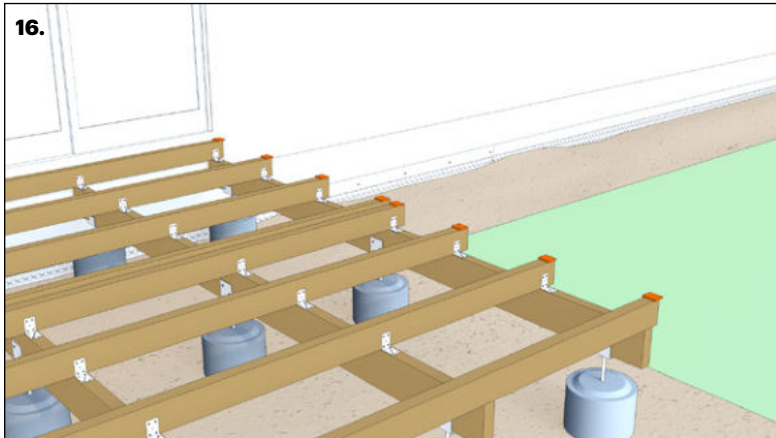


	h = 26 mm	h = 40 mm
A	max. 45 cm	max. 60 cm

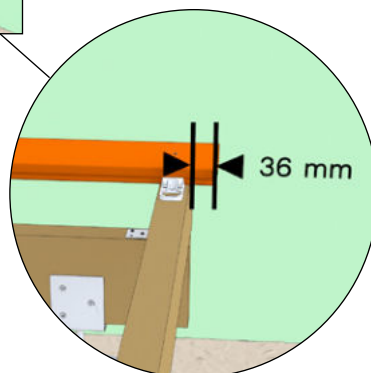
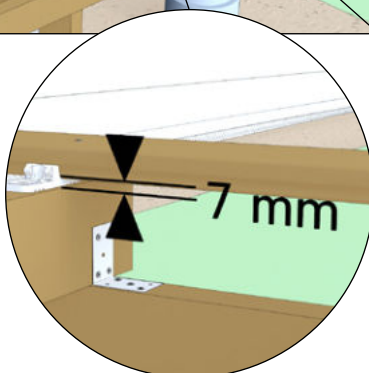
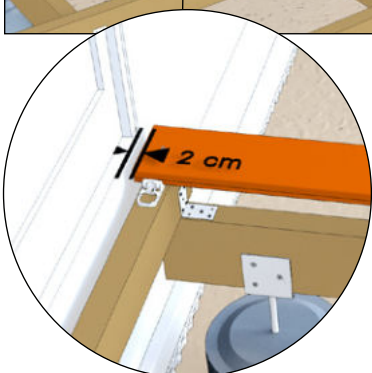
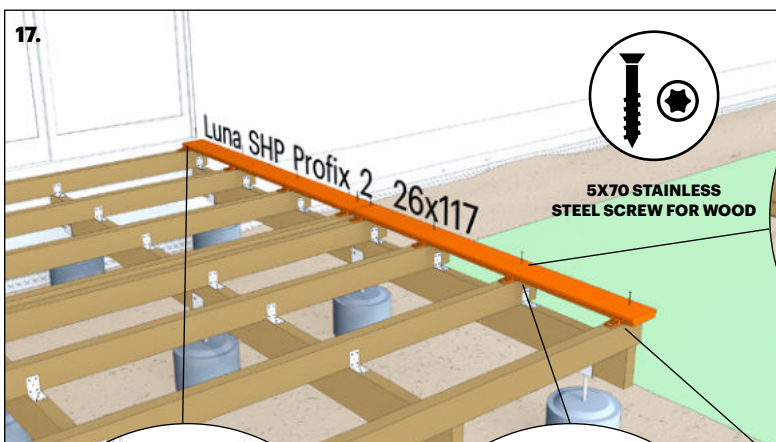
Use double joists under the decking joints.

Recommended distance between double joists is 50 mm. Leave minimum 5 mm gap between end of the boards.

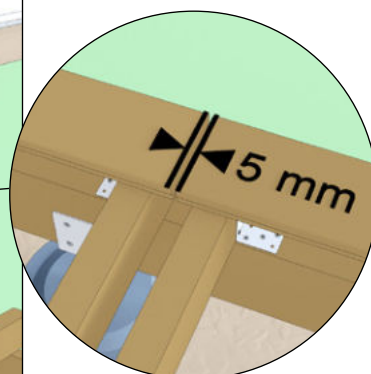
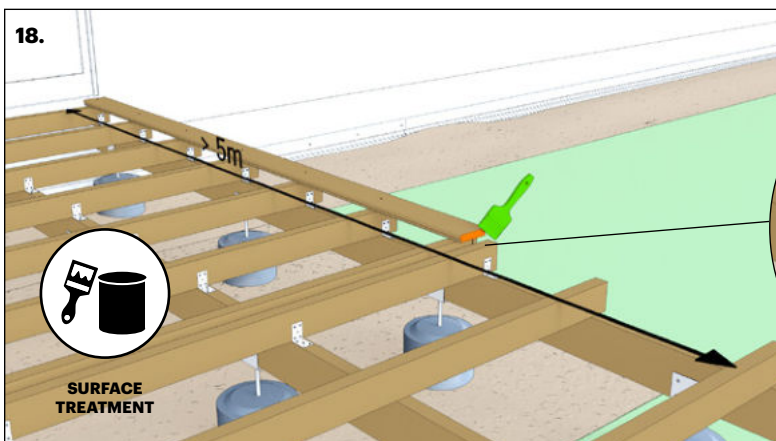


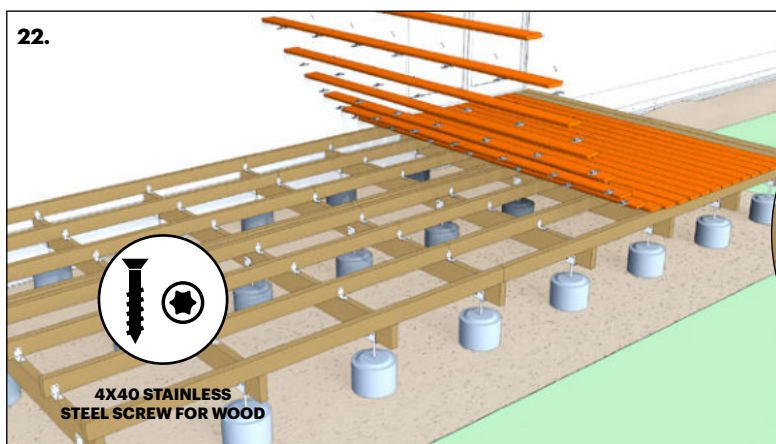
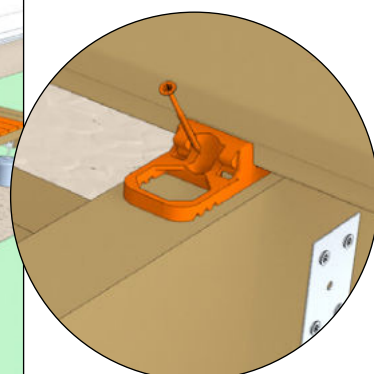
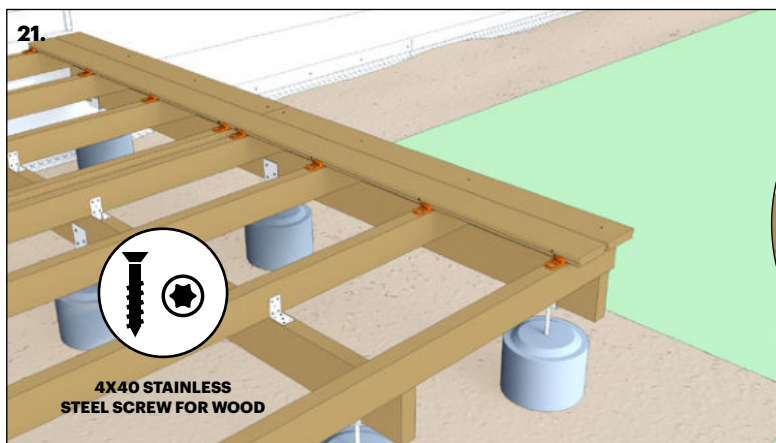
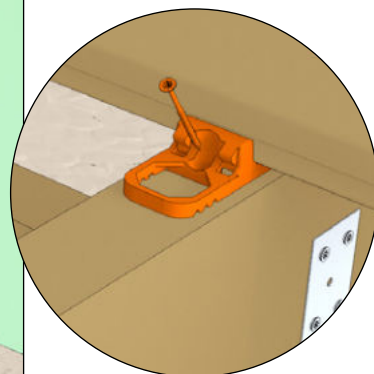
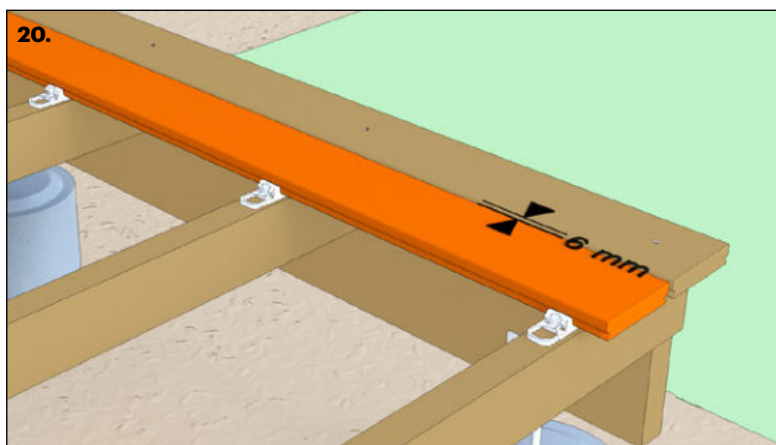
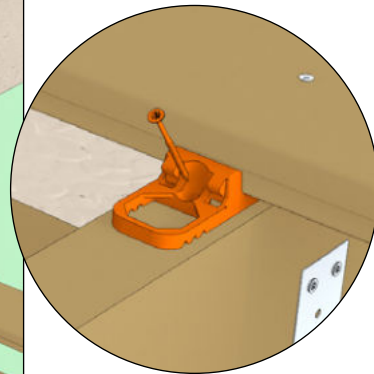
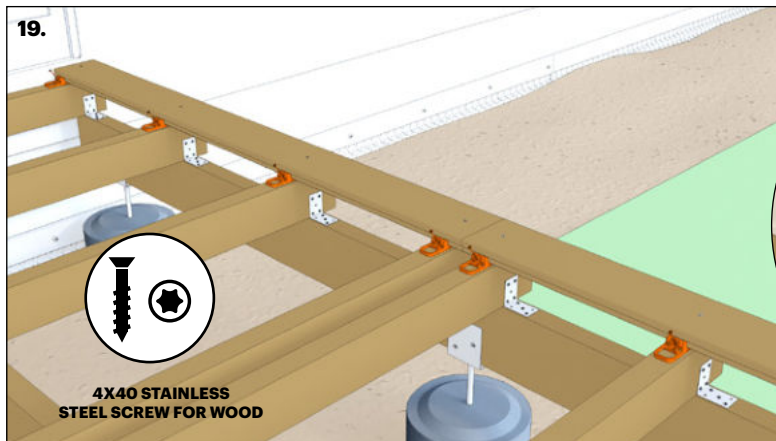


Bitum layer (40 x 50 x 7 mm) to block moisture to rise from the ground to the decking.



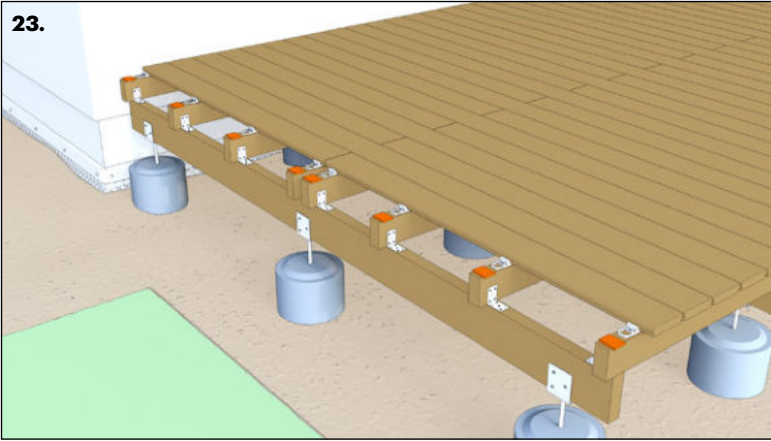
Large terrace (> 5 m)





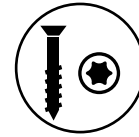
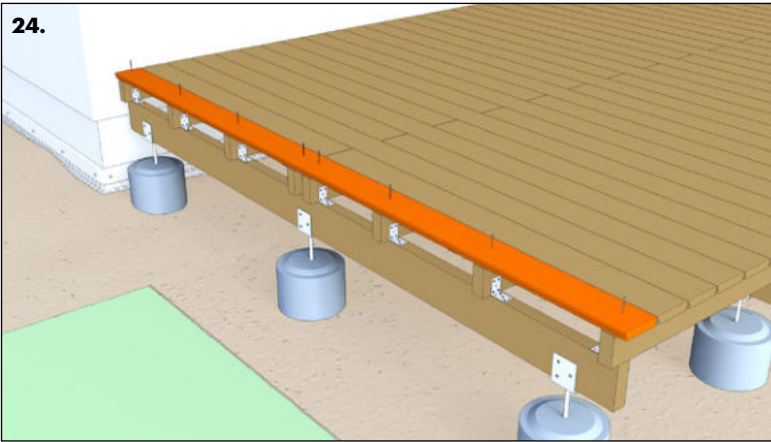


23.



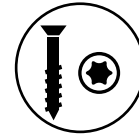
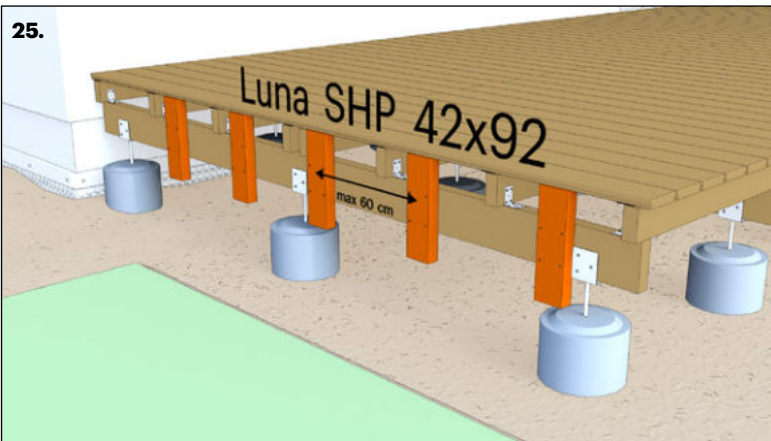
Bitum layer (40 x 50 x 7 mm) to block moisture to rise from the ground to the decking.

24.



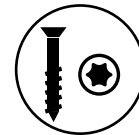
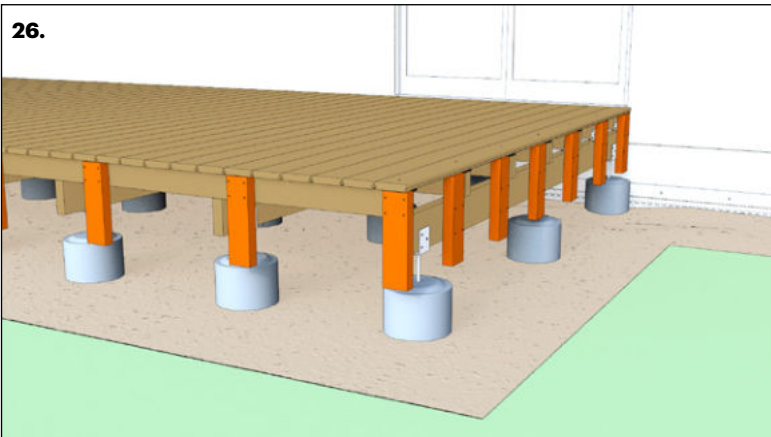
**5X70 STAINLESS  
STEEL SCREW FOR WOOD**

25.

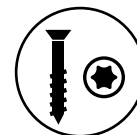
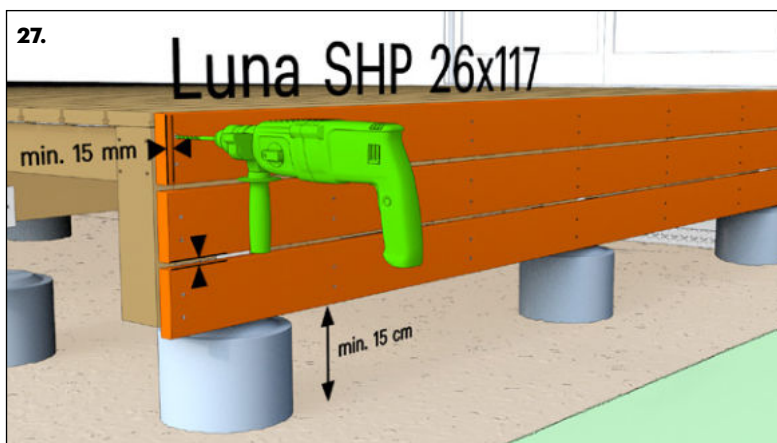


**5X70 STAINLESS  
STEEL SCREW FOR WOOD**

26.

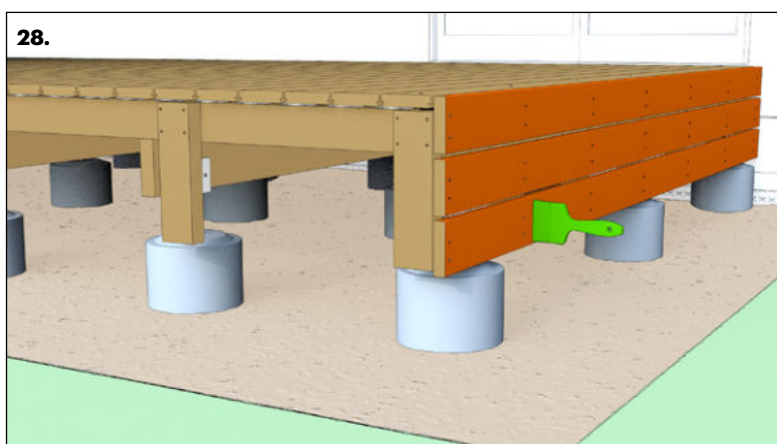


**5X70 STAINLESS  
STEEL SCREW FOR WOOD**

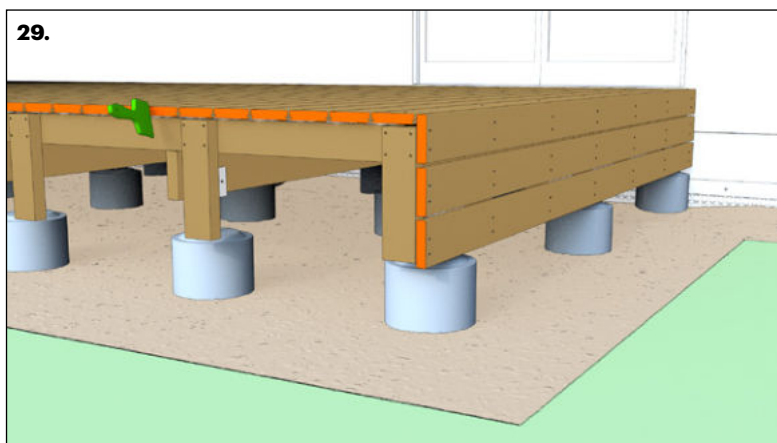


**5X70 STAINLESS  
STEEL SCREW FOR WOOD**

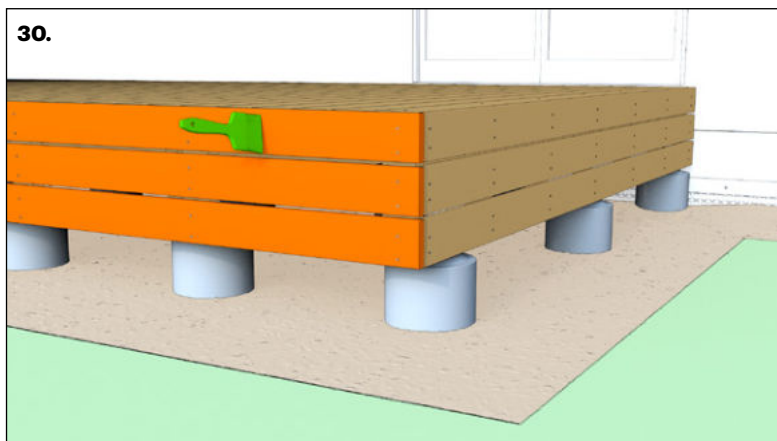
Predrill first to avoid deck board  
to crack in the end of the board.



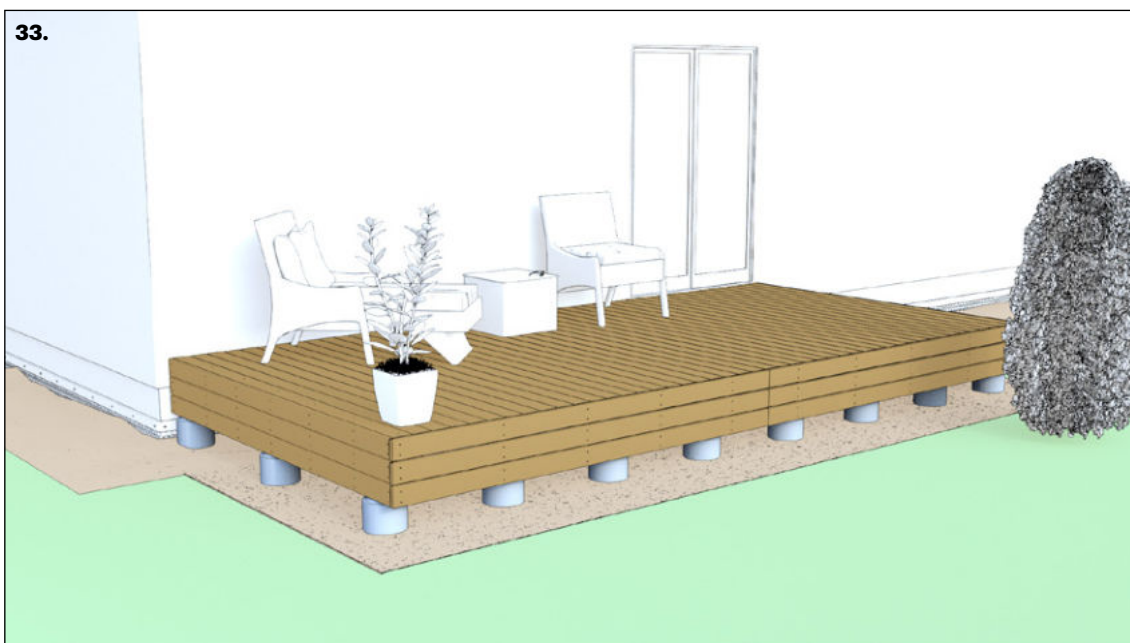
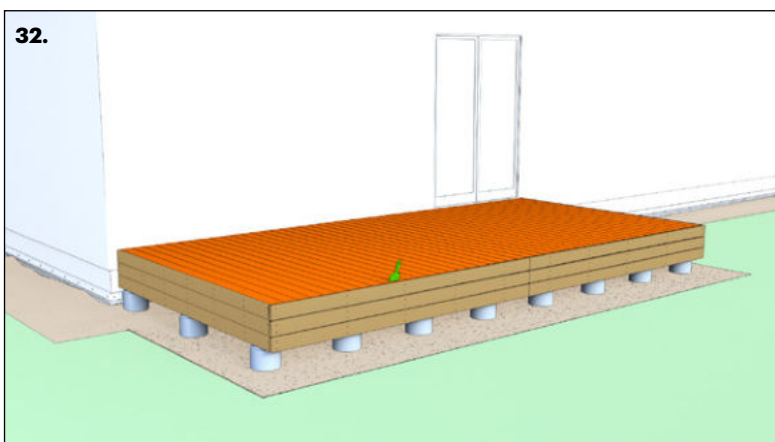
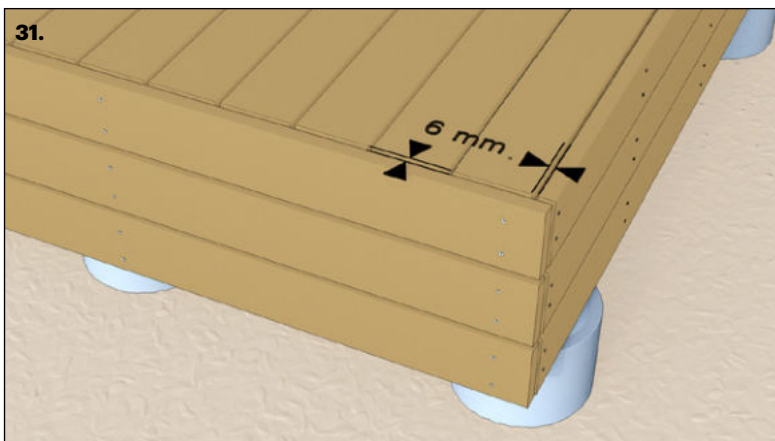
**SURFACE  
TREATMENT**



**SURFACE  
TREATMENT**



**SURFACE  
TREATMENT**



## LEGAL DISCLAIMER – Lunawood Decking

### BEFORE INSTALLATION

For best results, Lunawood decking should be protected from direct sunlight and weather before installation by covering the material and keeping it off of the ground.

Stainless steel screws are required to properly fasten Lunawood decking in order to have longer lifetime and no appearance of rust – if the board is installed through the face, two screws per joist. The only hidden fastener accepted for use is the Lunawood Profix – system (suggested). When screwing through the face, a Standard miter and table saws with carbide-tipped, sharp blades are appropriate to use.

This guide and the animation of building Lunawood deck in [Lunawood.com](http://Lunawood.com) - is to promote water shedding and the ease of drying (continuous, efficient ventilation around the deck boards and deck area).

- Minimum thickness of the deck boards for decking is 26mm (Scandinavian Pine). The heart side of the board should be laid uppermost. Heart side is use side. (Luna Thermo D, Scandinavian Pine)
- The under structure or sub frame should be made from suitable material with the necessary durability and design so as not to adversely affect the performance of the deck board.
- Lunawood materials may not be in direct contact with the ground or in a permanently wetted situation. The construction should not create conditions that can later be considered as direct contact with ground i.e.
  - Space beneath the deck is not sufficient enough to allow air circulate and allow wetted ground to dry.
  - The humid air that drying ground releases is trapped beneath the deck e.g.the space beneath the deck area is concealed with structures or boards
- The contact surface between joists and deck boards should be as minimal as possible.
- If the terrace is next to a building the drop should be designed so that water runs away from the building and decking boards should be laid in the same direction.
- Avoid water entrapment under planters, sand pits, paddling pools or similar objects. These items should be moved or rotated regularly to avoid permanently wetting an area of the deck
- Ensure regular brushing and cleaning of the deck to remove dirt from between the boards and from the top of the surface. Obstacles such as leaves, needles and other outdoor materials will restrict water shedding and allow water trapping
- Fixing material should be with Stainless Steel screws through pre-drilled holes especially close to the ends of the boards to avoid end cracking.
- There should be a minimum 6mm gap between boards for dimensions 92 mm- 140mm widths and between the boards and wall to allow for water drainage.

### INSTALLATION

Lunawood suggests that the boards are end-sealed after cutting with a clear, water resistant surface treatment. If end sealer is not used, the manufacturer has possibility to reject any claims under expected life cycle. To further protect Lunawood decking, we require it to be finished with minimum water based surface treatment prior or after to installation. Please consult local paint manufacturer for the right surface treatment for your Lunawood deck.

Our decking products are carefully manufactured and inspected to ensure quality. However, these are natural wood products and are subject to variations in weight, density, color, grain. Wood decking is naturally subject to dimensional changes as the moisture content in the wood fluctuates with humidity in the air. Swelling, shrinkage, surface checking, and other movement of individual pieces are normal occurrences in wood decking. Nevertheless, with Lunawood decking the swelling and shrinkage are minimal compared to untreated Scandinavian Pine and Spruce.

Local building codes must be consulted when building an exterior deck. Most countries may require building permits. Please also see the animation of Lunawood decking in [www.lunawood.com](http://www.lunawood.com) and PDF guide in [www.lunawood.com](http://www.lunawood.com) too.

Safety glasses and a dust mask should always be worn when working with Lunawood timber. We recommend an active carbon filter dust mask. Avoid splinters to hands and use gloves when installing. Drilling, Sawing, sanding or machining wood products generates wood dust. Avoid inhaling wood dust or use a dust mask or other safeguards for personal protection.

Drawings and schematics used to show where to place screws and nails are for reference purposes only.

Decking must be built in accordance with regulatory requirements. Should the intended walking traffic requires it, the number of battens (or joists) for a decking project may be increased from the recommended in Lunawood Installation animation or PDF guide in [www.lunawood.com](http://www.lunawood.com).



## **MAINTENANCE**

Every exterior surface made from timber, needs regular maintenance. This means in practise; cleaning the surfaces with mold removal liquids and right amount of water. Use brush of similar. Avoid harming the actual surface of the exterior decking or face or other end use when cleaning. Consult your local professionals in exterior surface treatment installations or manufacturers. If exterior surfaces are not maintained regularly there will be surface mould, dirt, dust, soil, leaves, air impurities building up to the surfaces which will shorten lifetime of the exterior timber surface drastically. Take care of the surface treatment in regular basis to protect the wooden surface for having longer lifetime for Lunawood Exterior Claddings or Deckings.

## **OTHER INFORMATION**

Every deck is different and this guide nor animation by Lunawood in [www.lunawood.com](http://www.lunawood.com) should not be considered to set out how a deck should be constructed in every circumstance. We accept no liability for any loss or injury caused by any reliance placed on this guide. Lunawood reserves the right to update or revise the Terms and Conditions regarding installation guides in [www.lunawood.com](http://www.lunawood.com).

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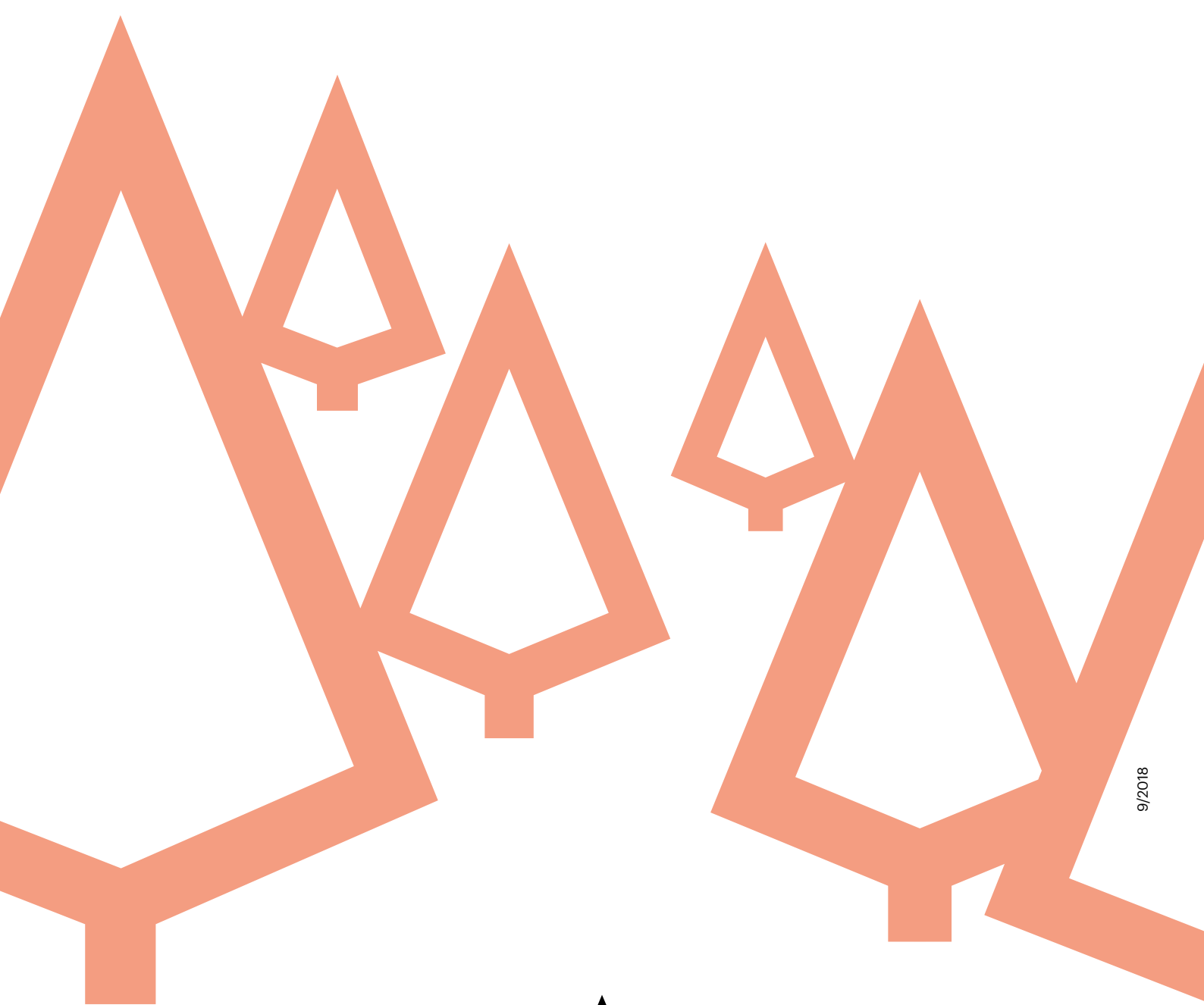
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9/2018



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