



WPC Decking Installation Guide

Installation Preparation and Precautions

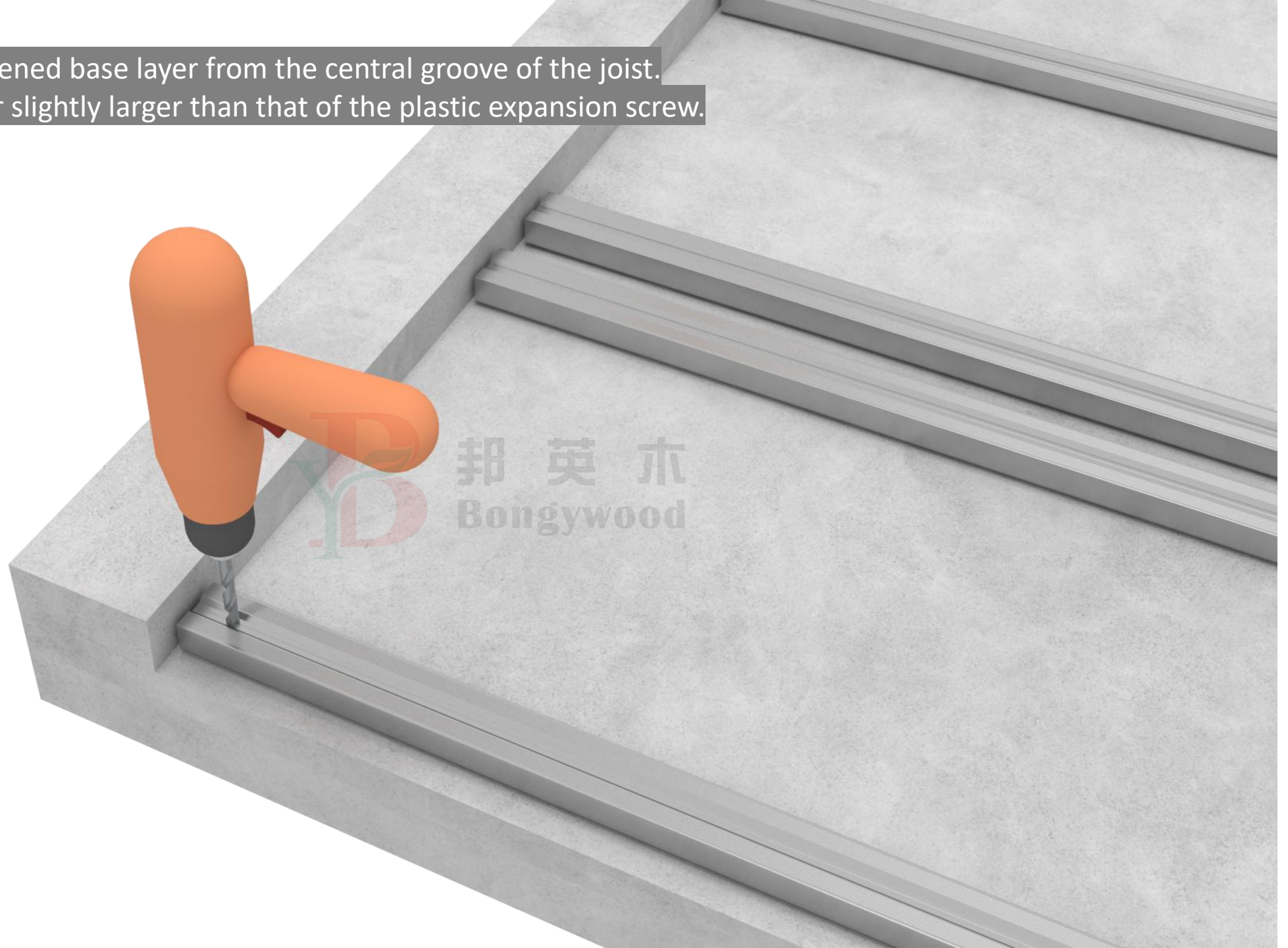
Tools Preparation:

WPC cutting machine, Impact Drill, Power Drill, Level, Square, Soft-faced Hammer, etc.

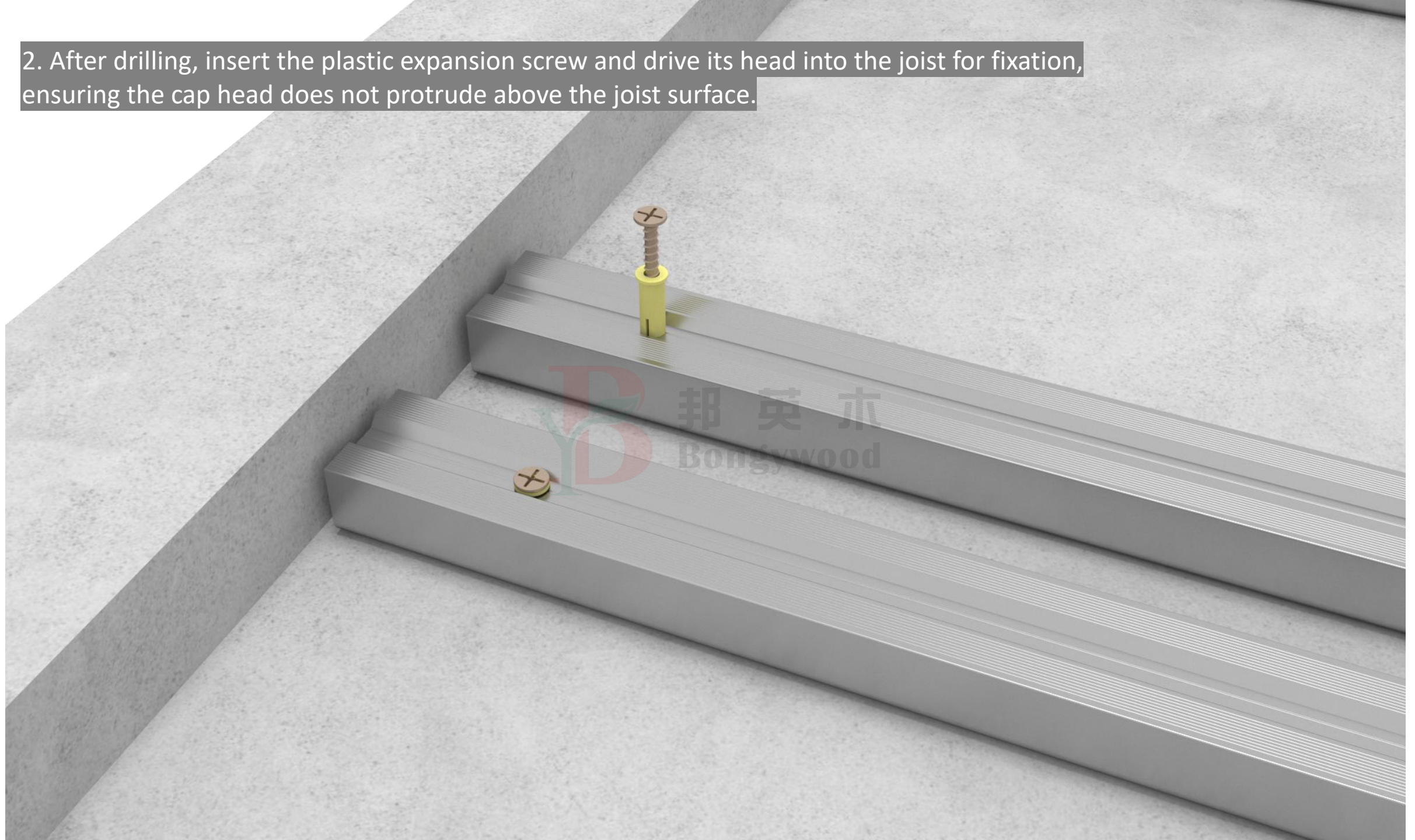
Precautions:

1. Thermal Expansion: Account for the thermal expansion and contraction of WPC materials. Maintain expansion gaps against walls and at board joints.
2. Substrate Requirements: The base must be either concrete or steel structure. Concrete substrates must have a minimum thickness of 100mm.
3. Levelness: The ground base must be perfectly level. Any uneven areas must be shimmed or re-leveled until a flat surface is achieved.
4. Drainage: The Foundation must incorporate drainage channels.
5. Pre-drilling: When driving screws into WPC material, pre-drill pilot holes using a power drill first.
6. Joist spacing must comply with standards. For flooring with a thickness of 23-25mm, the center-to-center spacing of joists should be **within 350mm**. Excessively wide joist spacing will not be covered under the warranty.
7. Joist Support at Joints: Both ends of every flooring joint must be supported by a joist.

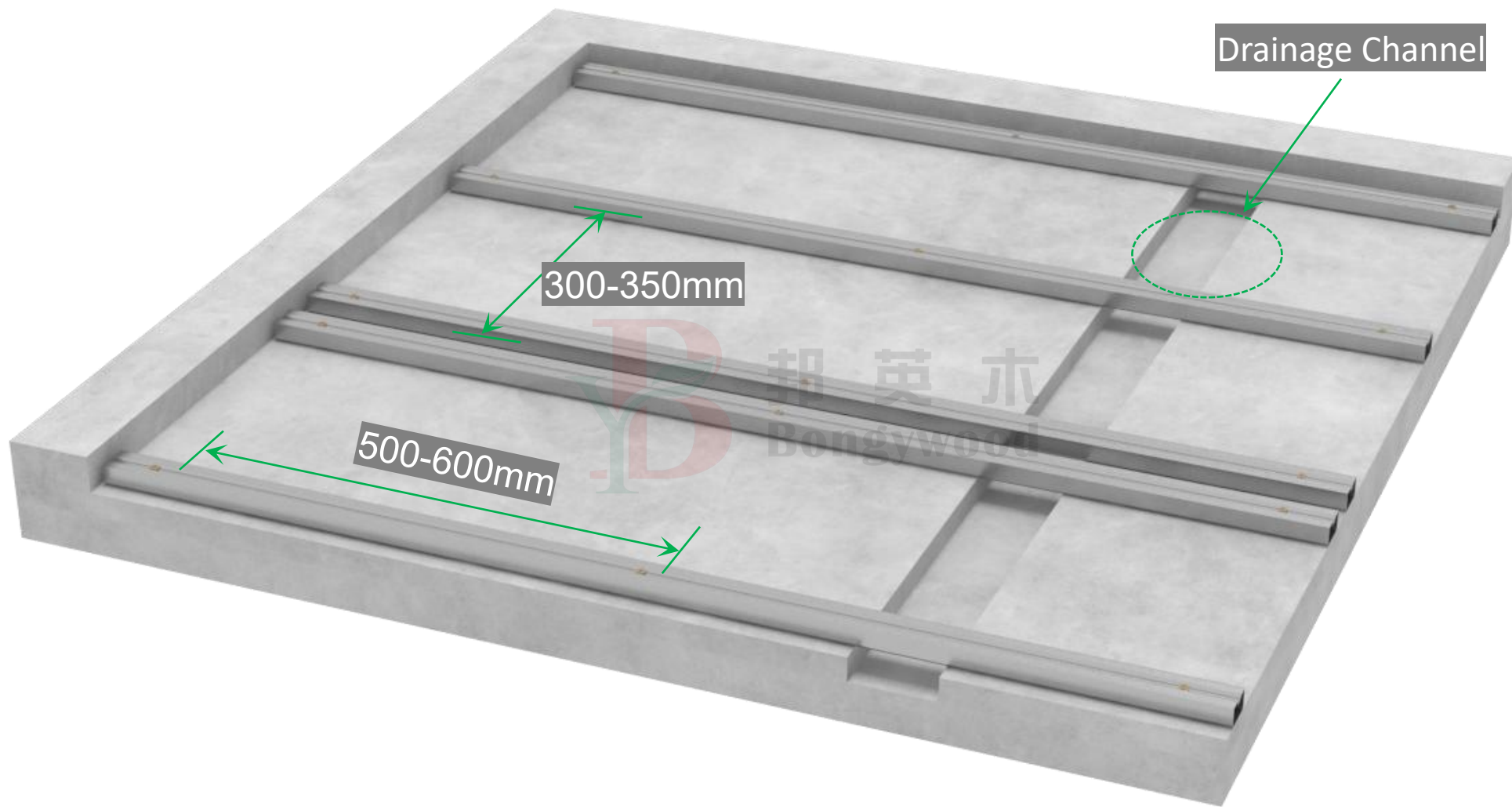
1. Drill into the hardened base layer from the central groove of the joist.
The hole diameter slightly larger than that of the plastic expansion screw.



2. After drilling, insert the plastic expansion screw and drive its head into the joist for fixation, ensuring the cap head does not protrude above the joist surface.



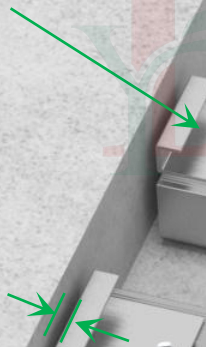
3. The fixing points of the joist shall be spaced at 500-600mm centers.

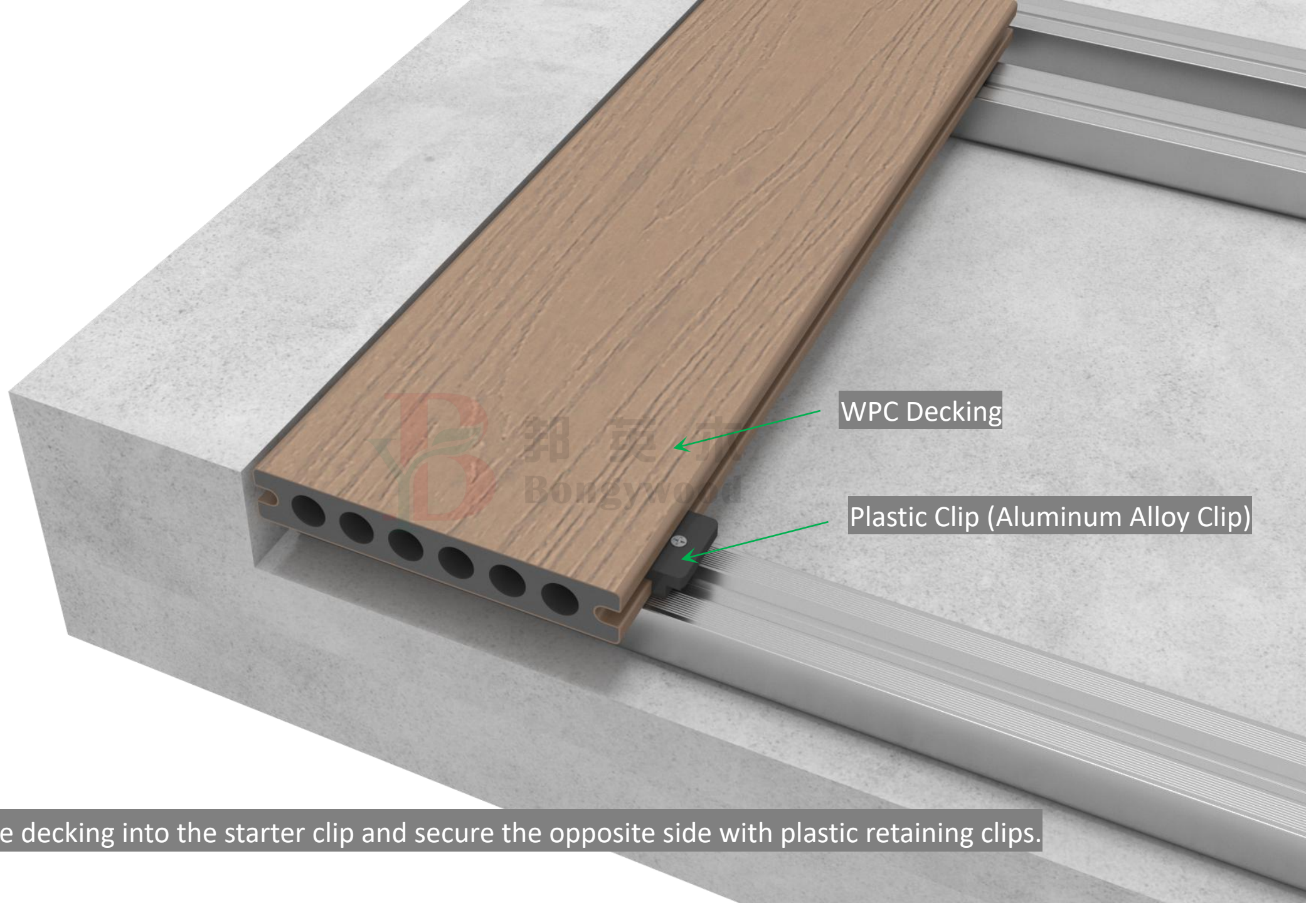


4. Install the start clip (maintain a 3-5mm gap from the wall; where abutting non-wall elements, secure with exposed screws or angled side screws).

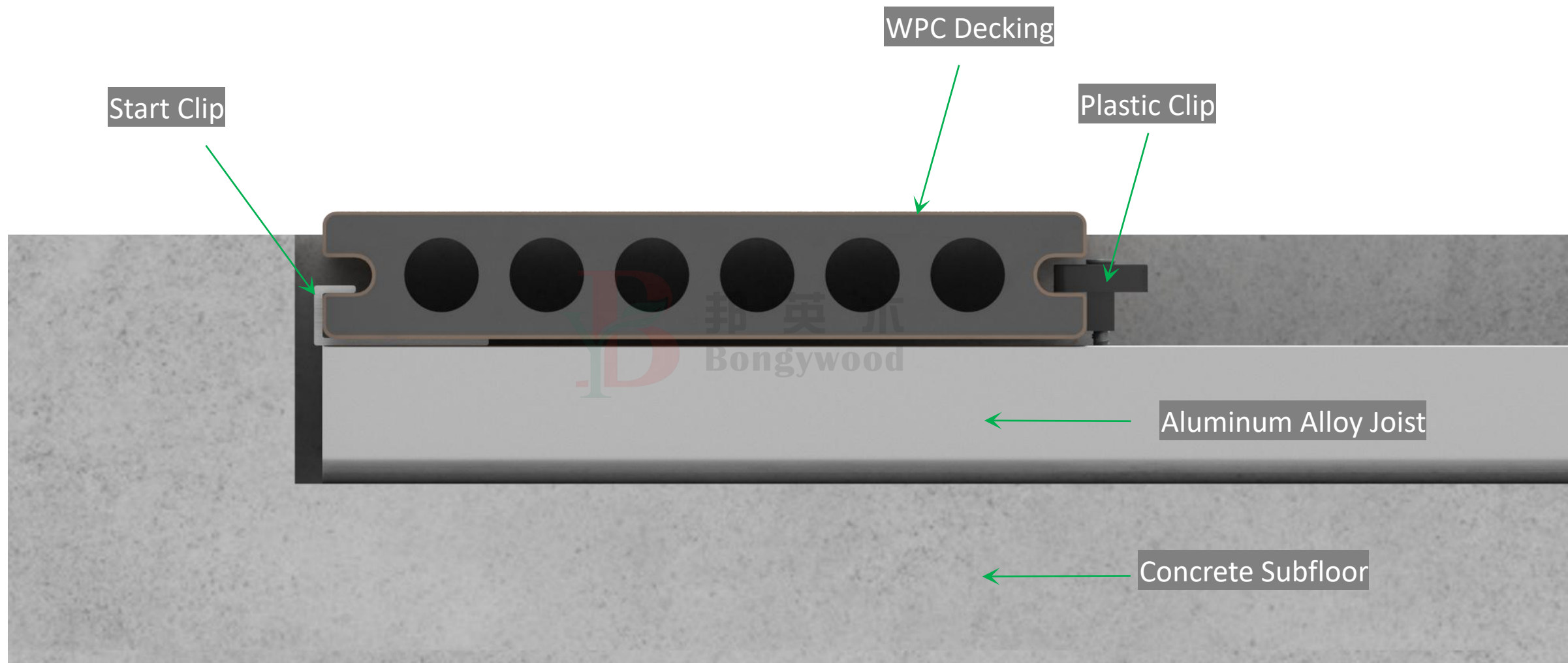
Start Clip

3-5mm Gap

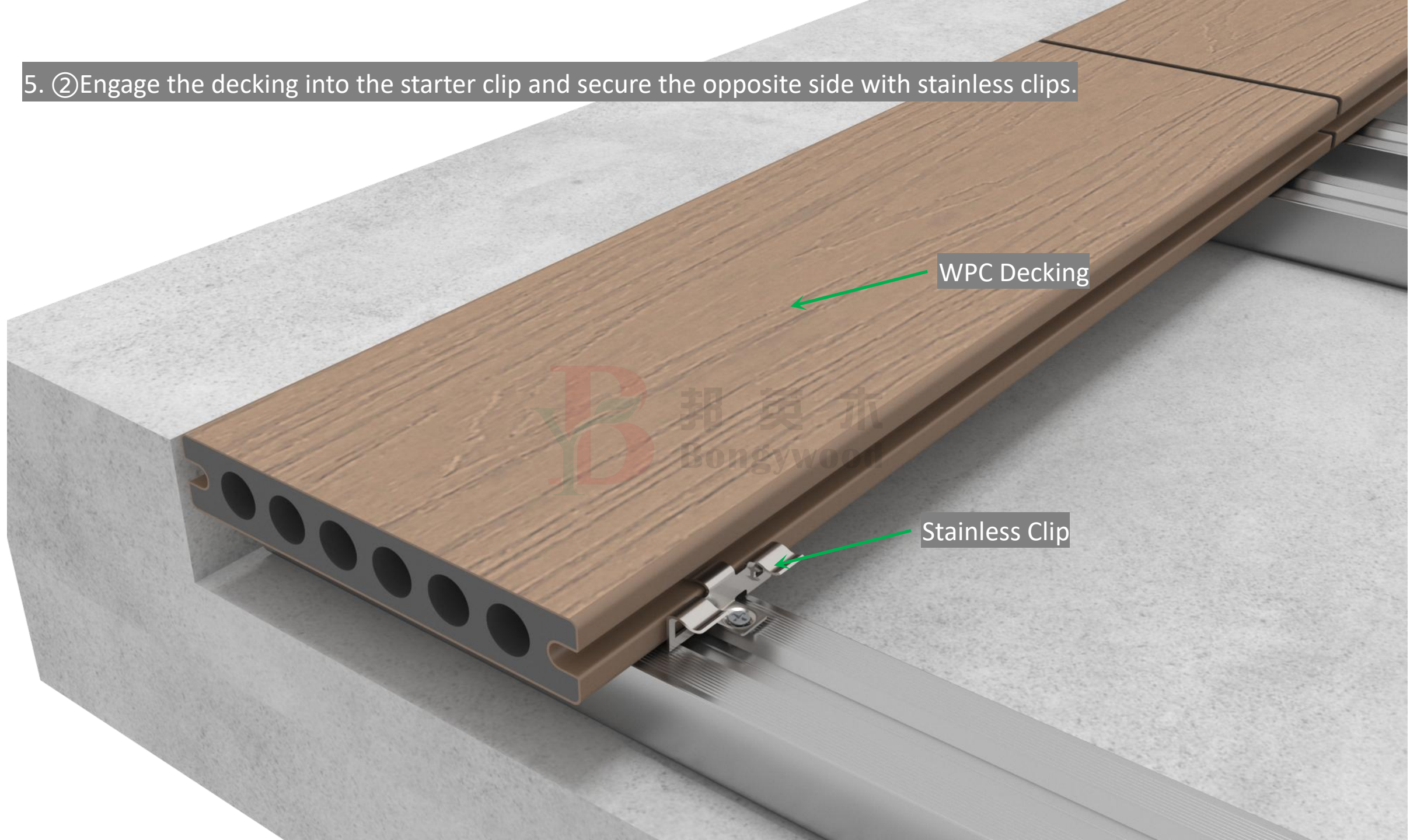




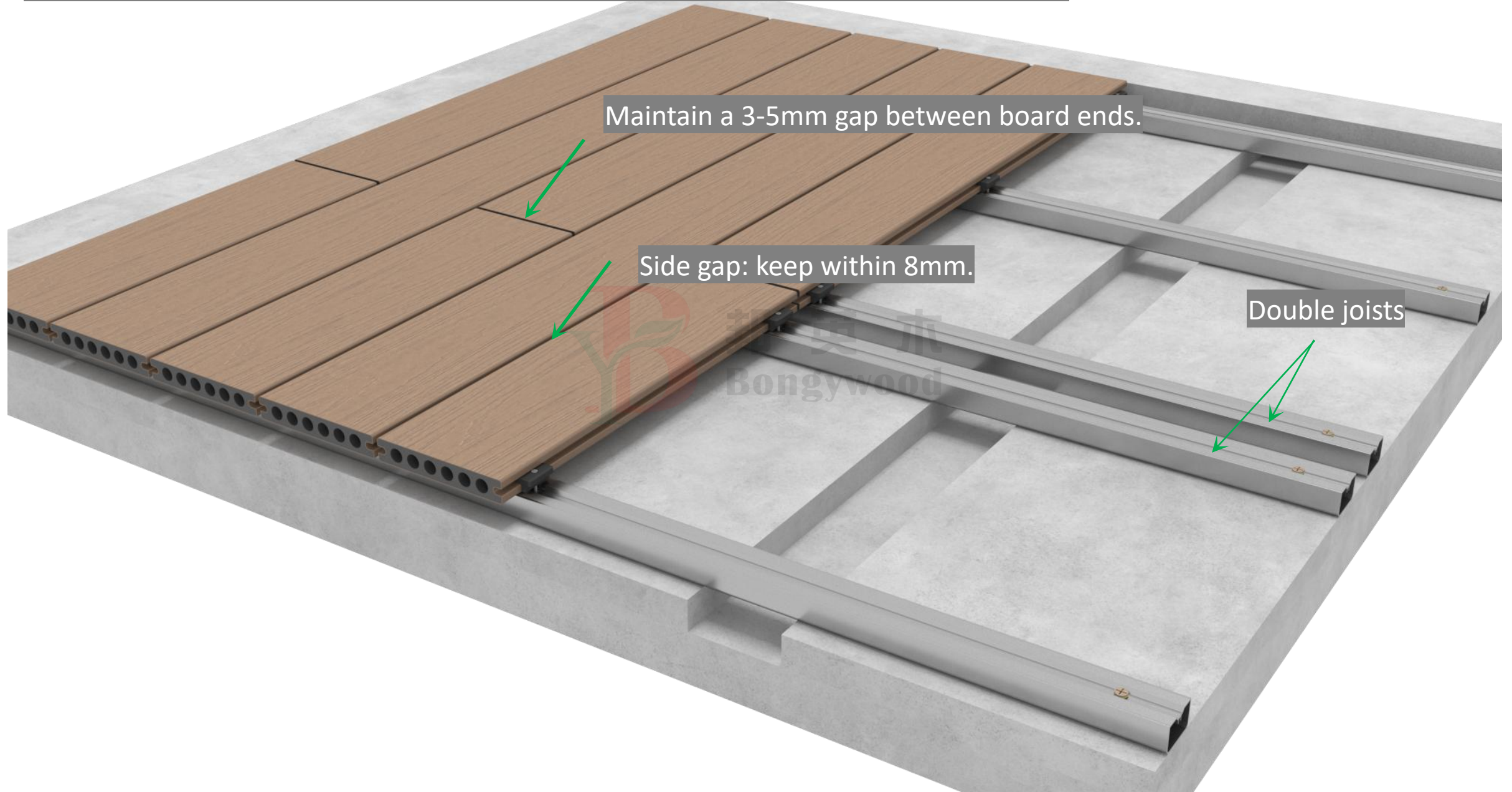
5. ① Engage the decking into the starter clip and secure the opposite side with plastic retaining clips.

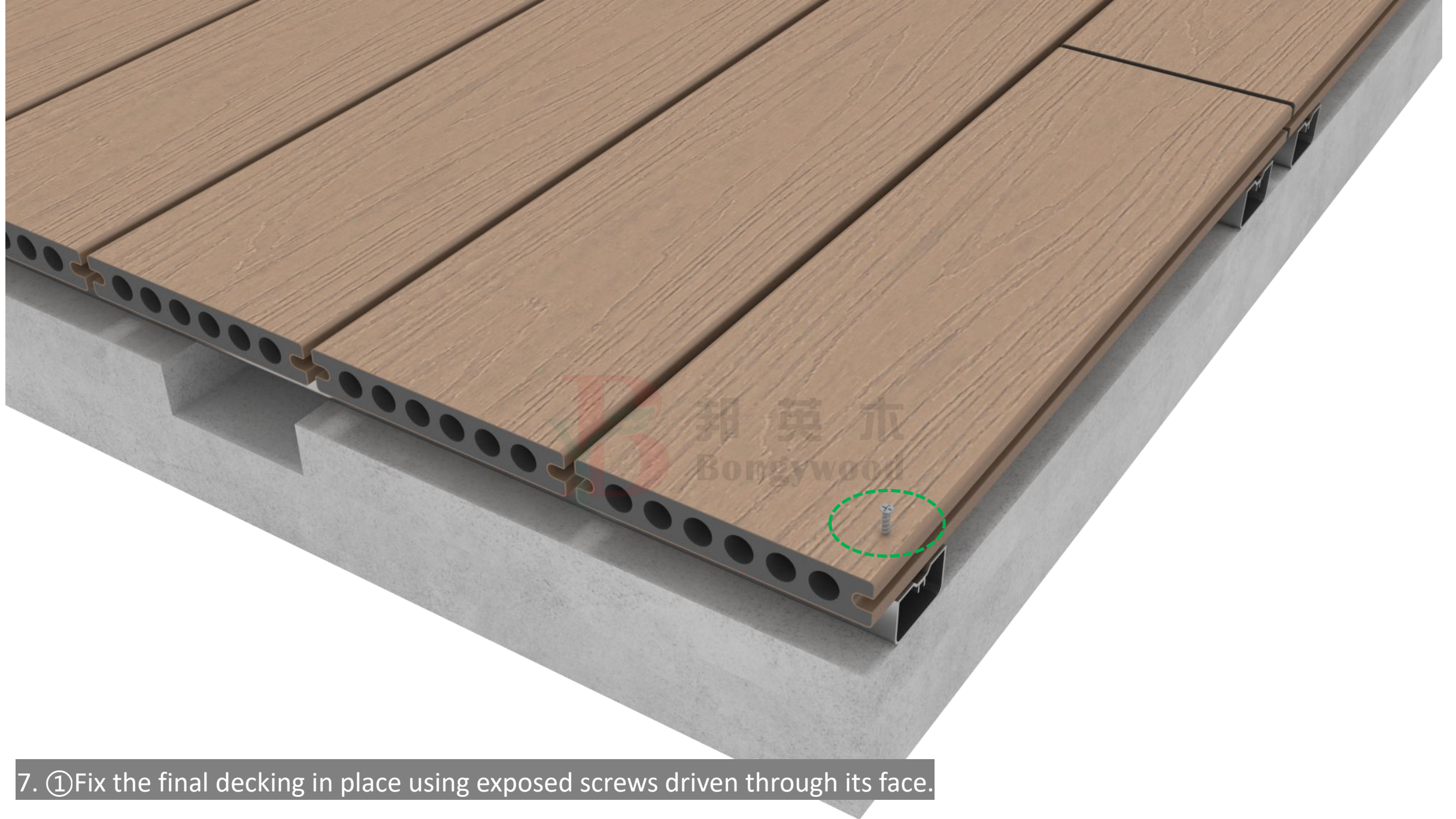


5. ②Engage the decking into the starter clip and secure the opposite side with stainless clips.

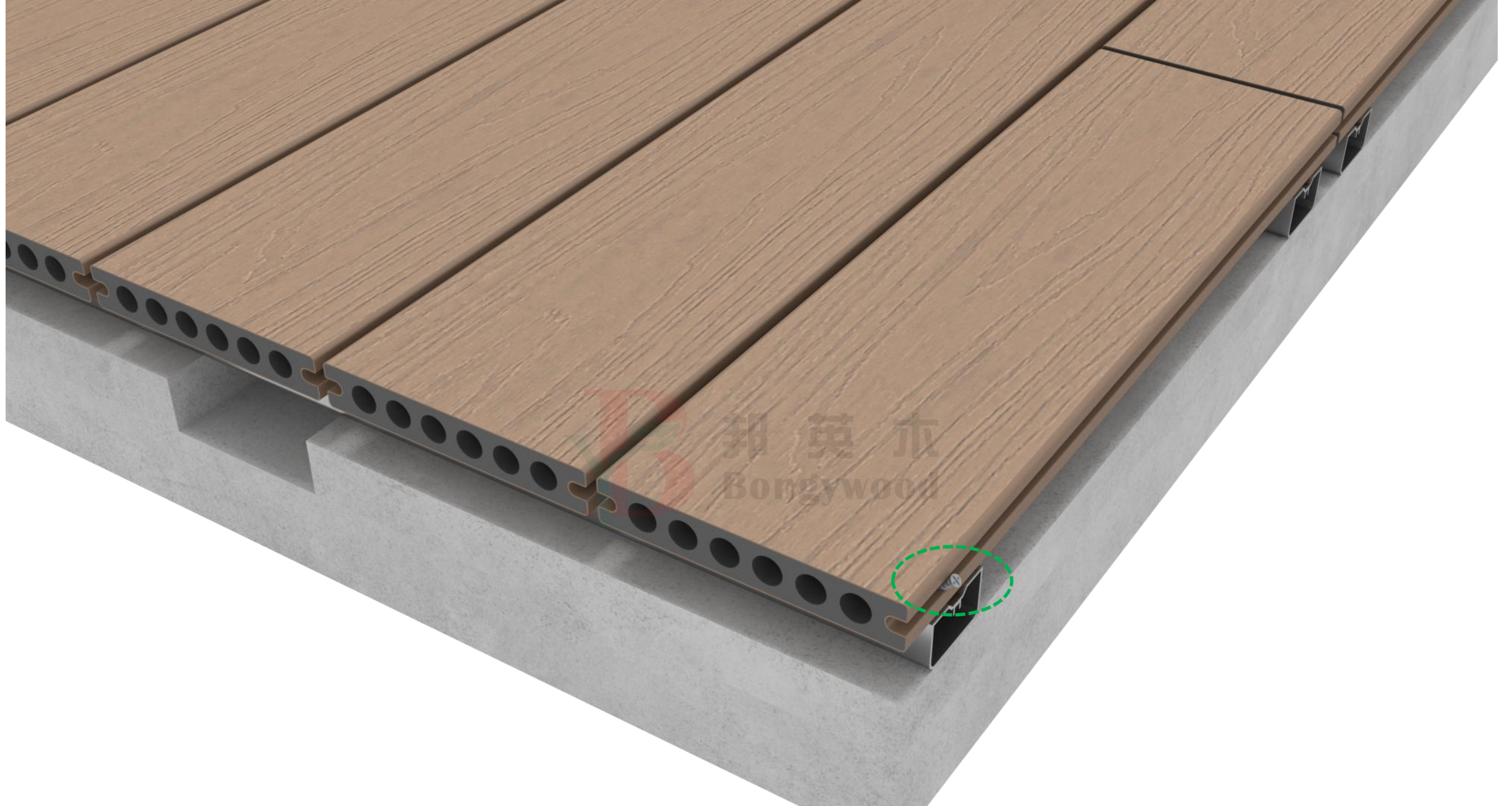


6. Install the remaining deckings (ensure double joists are installed for the butt joint).



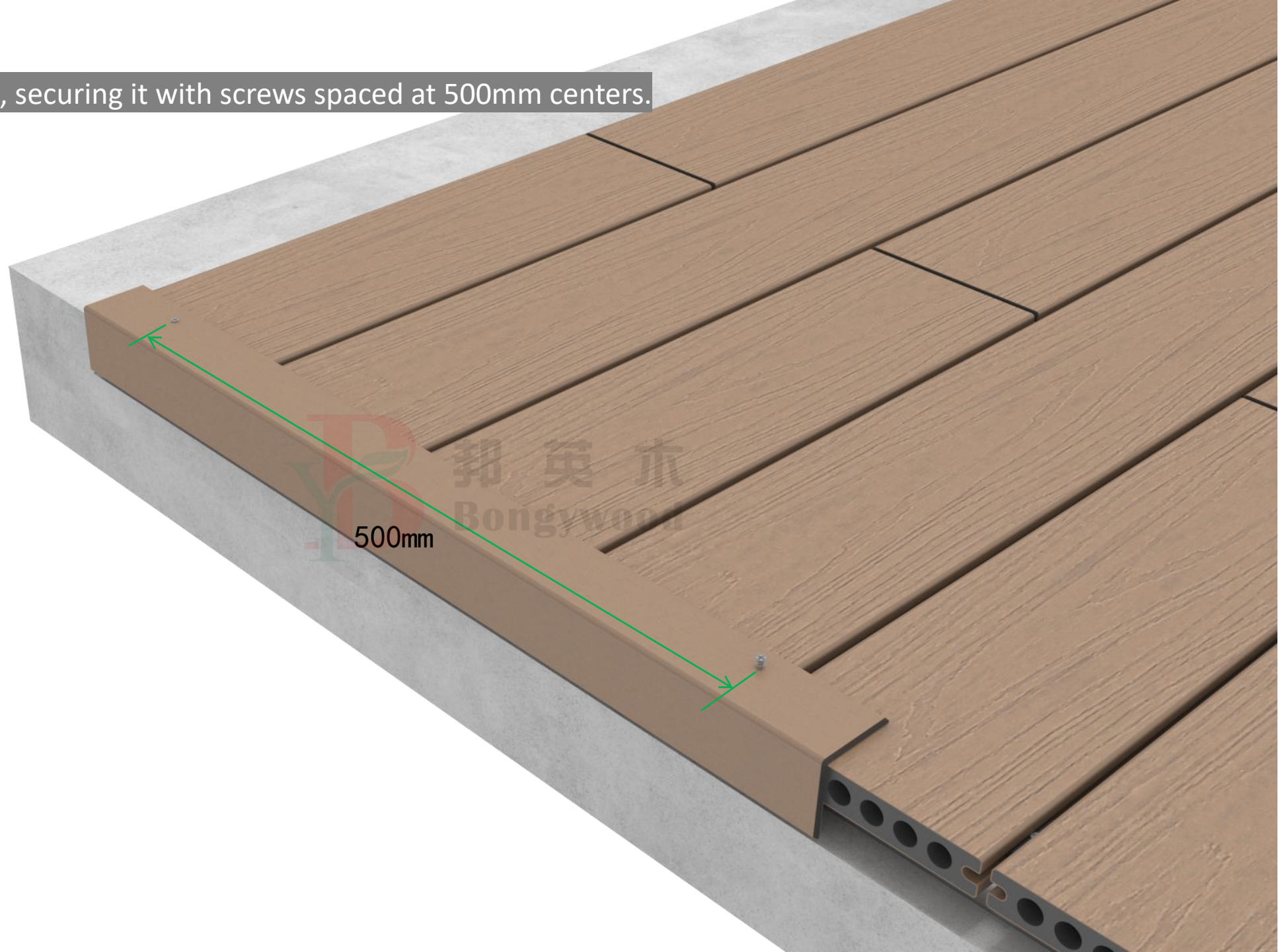


7. ①Fix the final decking in place using exposed screws driven through its face.



7. ②Fix the final decking with screws driven at an angle through the face of the decking.

8. Install the edge trim, securing it with screws spaced at 500mm centers.



9. Installation completed.

