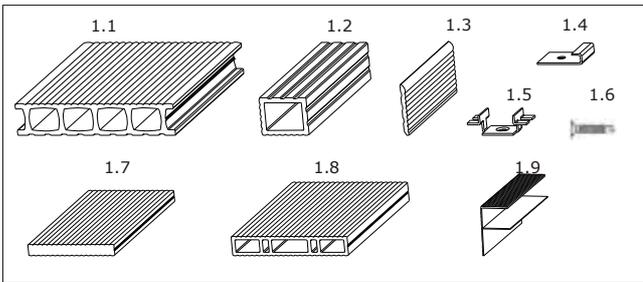


**PRO composite terrace board system  
installation instructions**



**1 List of components**

1.1 Terrace board	145 mm x 29 mm x 2400 mm
1.2 Joist	48 mm x 38 mm x 2000 mm
1.3 Masking edge trim	66 mm x 6 mm x 2000 mm
1.4 Wall clip	28 mm x 7 mm x 25 mm
1.5 Mounting ProClip	34 mm x 10 mm x 16 mm
1.6 Self-drilling screw	o 3,9 mm x 25 mm
1.7 Masking profile 2	120 mm x 20 mm x 2400 mm
1.8 Masking profil	190 mm x 12 mm x 1500 mm
1.9 Aluminium stair strip	65 mm x 45 mm x 2000 mm

**2 List of tools needed for assembly:**

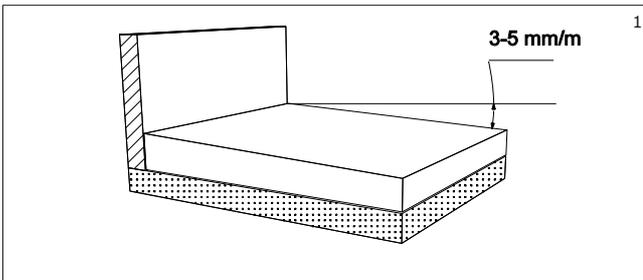
- Saw,
- Screwdriver,
- Posidriv ( or Phillips) screwdriver tip,
- Drill with a hammer action,
- Ø 8 wood drill,
- Ø 6 masonry drill min. 85 mm length,
- Ø 6 masonry fixing plugs min 45 mm long,
- Measuring tape,
- Spirit level,
- Counter sink drill bit,

**3 Safety instructions**

- Protective gloves
- Goggles

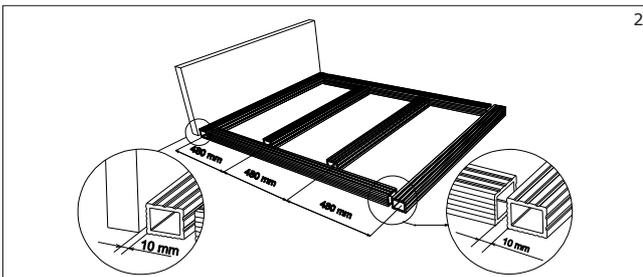
We recommend that the installation be carried out by a specialist installer. Please contact your PRO retailer for more information

**4 Preparing the surface**

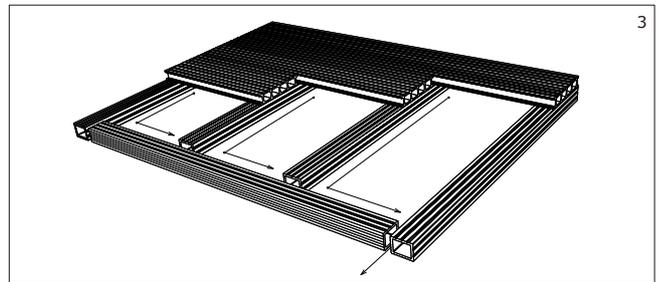


PRO terrace system is designed for mounting on a prepared flat concrete surface. To ensure that rainwater drains efficiently away, the terrace area must have a built in slope of 3-5 mm/m. The surface should be prepared according to the building industry's best practice and standards. Installing the system on an incorrectly prepared surface will invalidate your warranty.

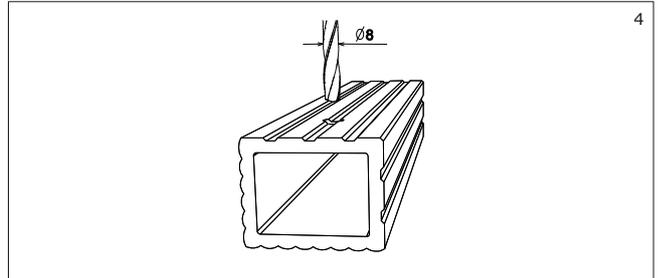
**5 Assembly and fixing of joists**



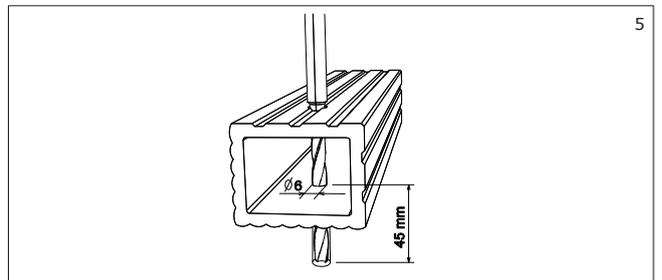
The joists have to be installed parallel to each other, deep grooves upright. The distance between the centers of the neighbouring joist should be 480mm. Please leave a 10mm expansion gap, allowing free drainage of water from between the joists.



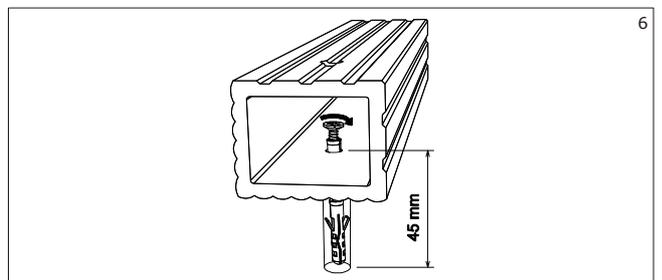
Please remember that the decking boards will be laid at right angles to the joists, which need to be fixed to the surface using 6 masonry fixing plugs of no less than 45mm in length. NB : fixing plugs are not supplied as part of the ProDeck kit.



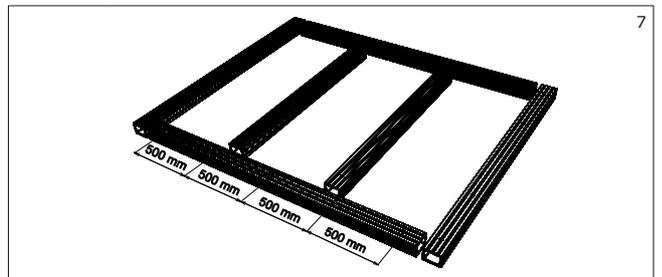
Before fixing the joists to the surface, drill the upper side of the joist using a Ø8 drill.



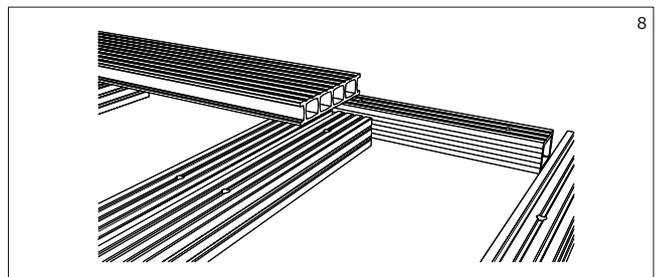
Next, using a Ø6 masonry drill, prepare a hole for the fixing plug of no less than 45mm in length



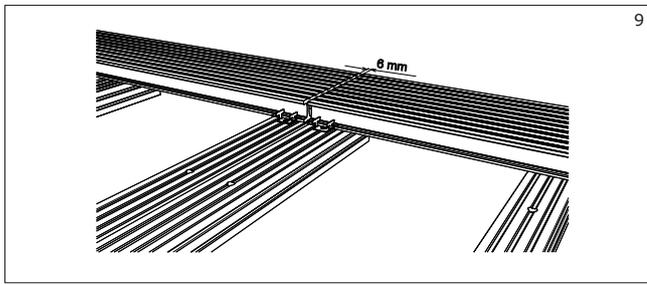
Place a masonry fixing plug in the prepared hole and tighten the joist to the surface.



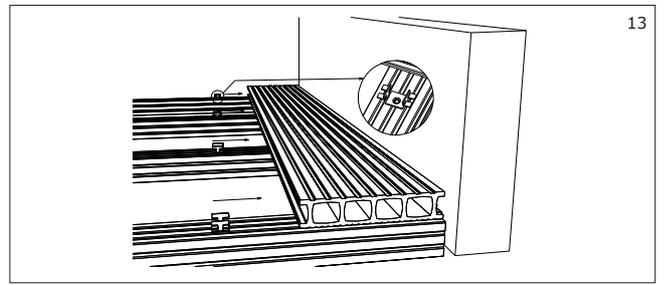
The maximum distance between the fixing points is 500mm.



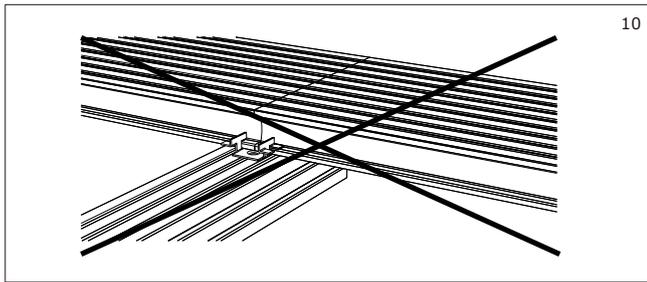
For terraces longer than 240 cm, additional joists have to be installed in order to support the boards.



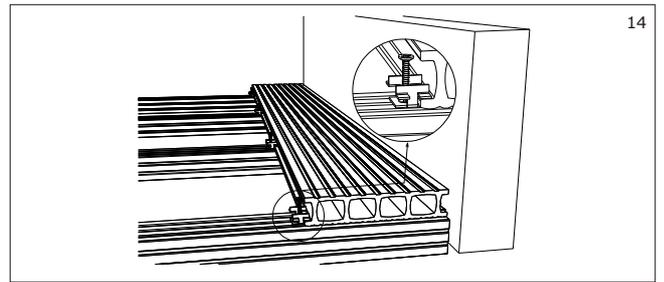
The correct installation method is shown in the above diagram. Every board has to be connected to the joists with a separate Pro-Clip. Be sure to leave a 6mm gap between two boards.



Slide the Pro-Clip into the board. Please note that for ease of screwing the hole in the clip is not central and must be aligned correctly.

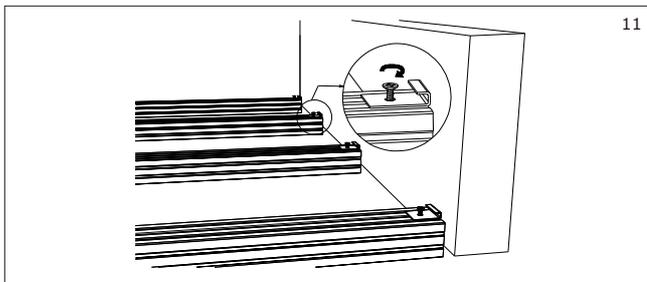


Two adjacent boards must not be joined using just one Pro-Clip.

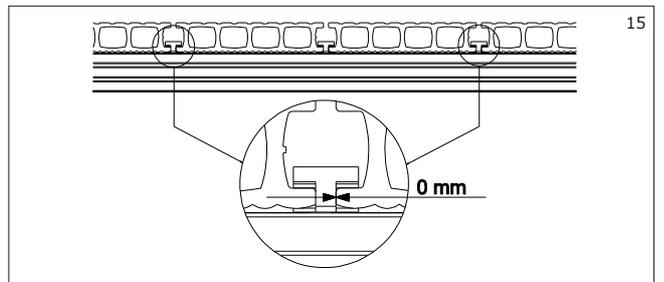


Fix the clips to the joists using the supplied self-drilling screws.

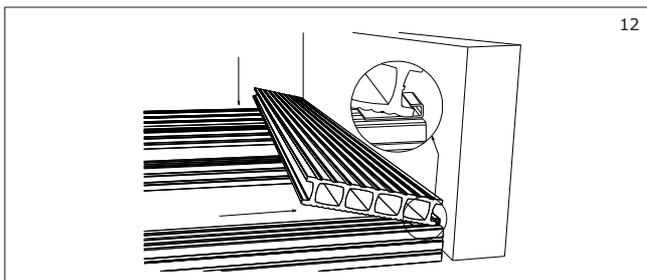
## 6 Terrace board installation



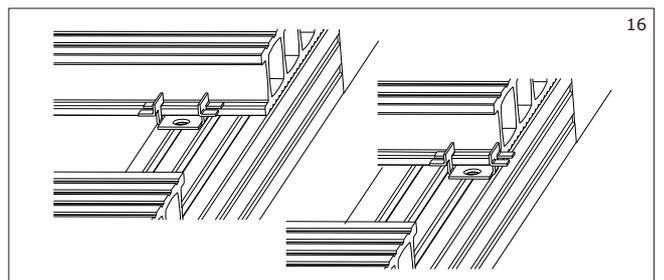
We start the assembly of the terrace boards by fixing the wall clips to the joists, using the self-drilling screws supplied with the PRO kit. Please ensure that the grooves in the board and the clip match up. Be sure to leave min. 10 mm gap between joists and the wall on each side.



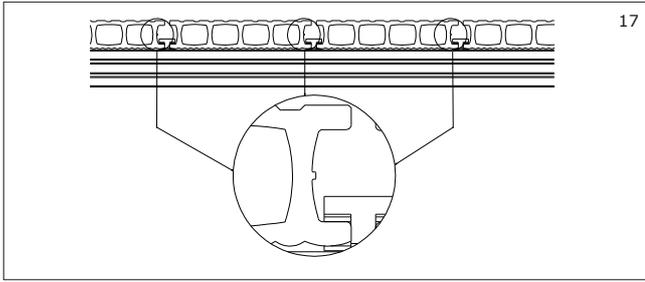
The Pro-clip and the decking board must be pushed together leaving no space in-between or it will not be possible to permanently connect the boards to the joists and create the required 5mm expansion gap.



Slide the first board into the mounting of the wall clips. Set the board on the top surface of the joist.

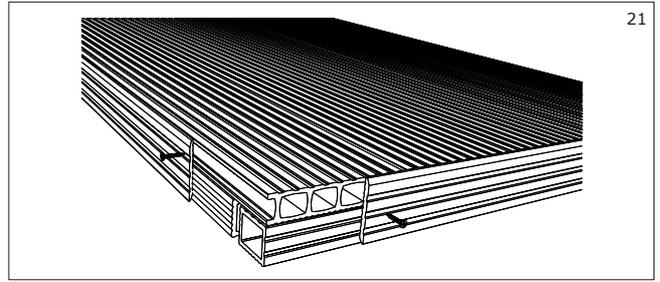


In case of a problem with the first attempt at making a good connection, the process can be repeated and corrected using one of the other two grooves.



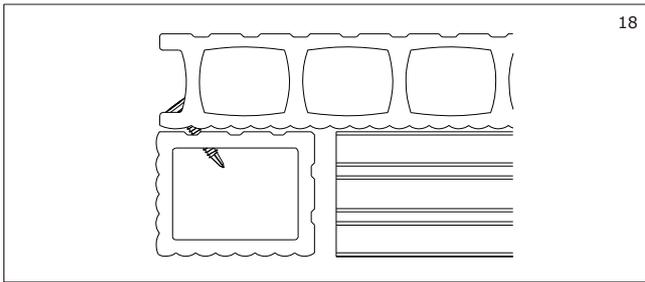
17

Each board has a special mark on its side. When connecting the successive boards, you must ensure that the marks end up on the same side. The mark is for maintaining a uniform colour of the terrace, as the wood fibers in the decking board reflect light unevenly, depending on the angle of the light.



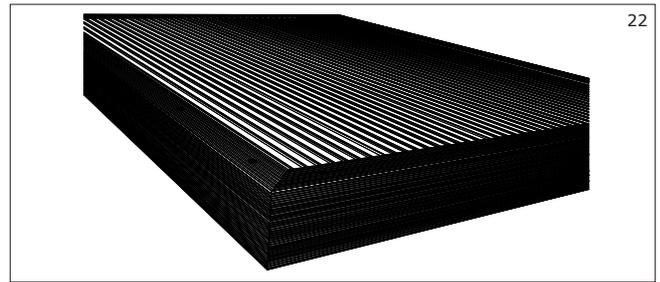
21

The example shown on the left hand side of the above diagram shows when the edge trim should be screwed to the side of the terrace board. The right hand side of the diagram above shows when the edge trim should be fixed to the joist.



18

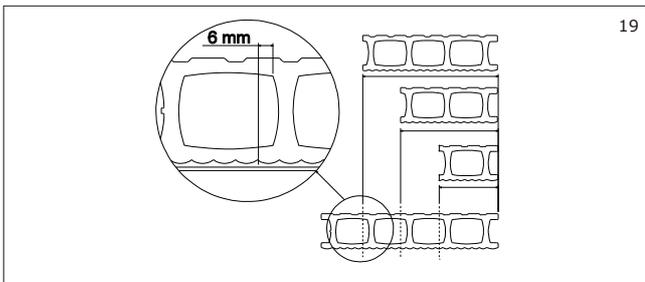
The last board is attached to the joist by fixing the self-drilling screw at a 45-degree angle.



22

An alternative terrace finish can be achieved by using an aluminium stair strip. Using a self-drilling screw, fix the top of the aluminium strip. The drilling spot of the aluminium strips marked by a wider groove on

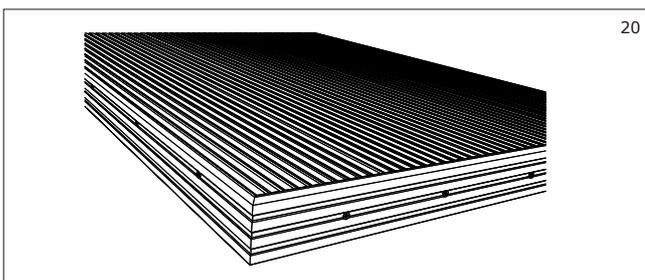
## 7 Cutting the boards lengthways



19

The above diagram illustrates the correct method of cutting a board lengthways

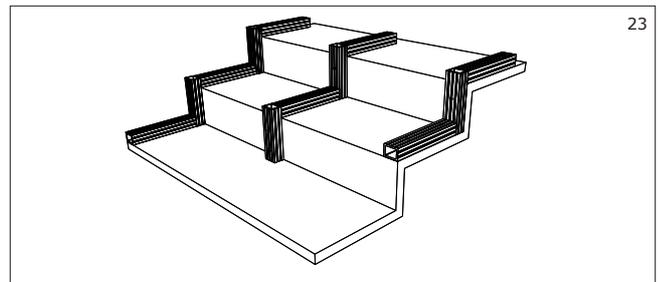
## 8 Finishing the terrace



20

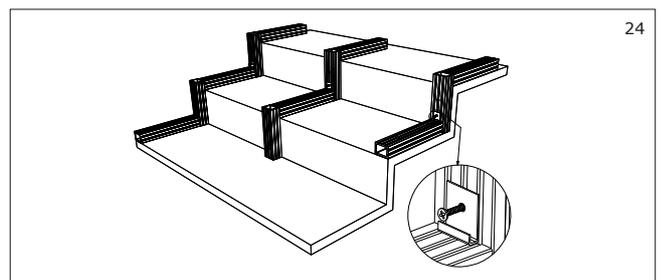
To finish the terrace use the masking edge trims supplied in the kit. Mitre the joint at 45 degrees, and fix with self-drilling screws.

## 9 PRO stair system



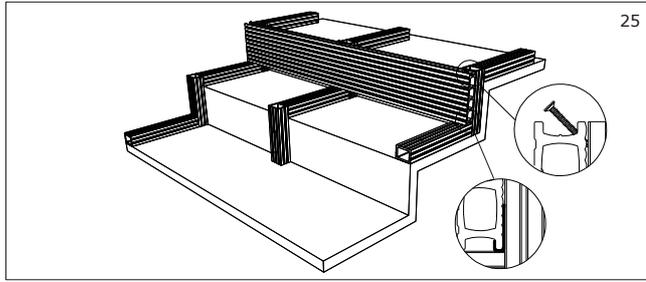
23

Fix the joists to the concrete surface using masonry fixing plugs ( follow the instructions for assembling joists, described in an earlier section of this manual). Each joist must be fixed with at least 2 plugs. The distance between joists must not exceed 48 cm.

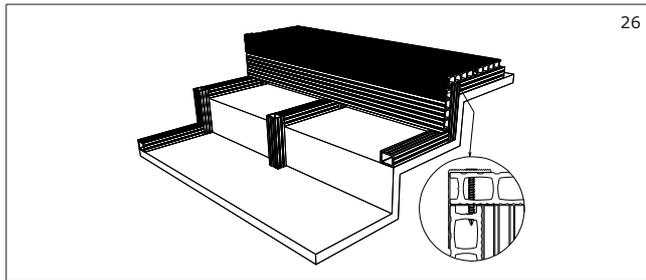


24

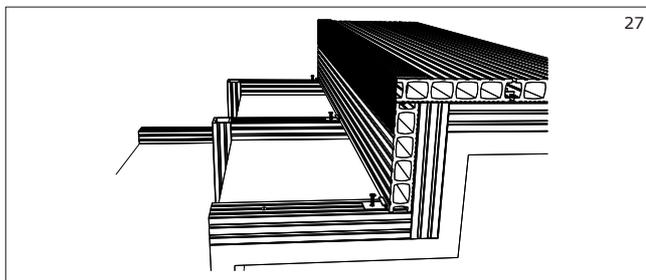
Installing the stairs starts with screwing the starter clips to the joists.



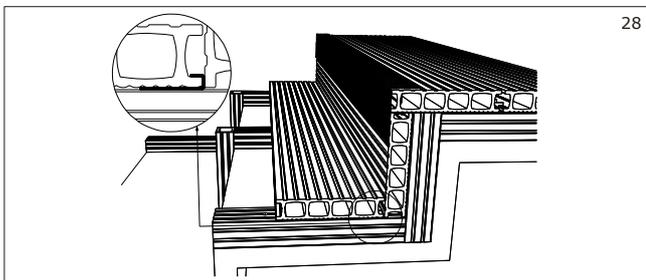
Slip the boards in the clips and fix as shown above.



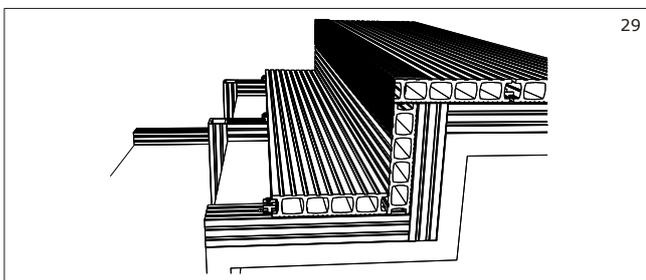
Finish off the first vertical section of the step using the aluminium strip. Fix the aluminium strip using self-drilling screws in its upper surface. The drilling spot of the aluminium strip is marked by a wider groove on the top surface. In order to achieve a smooth finish between the top of the screw and the strip, use a counter sink drill bit or a larger ordinary drill. The distance between the fixing screws should not exceed 30cm.



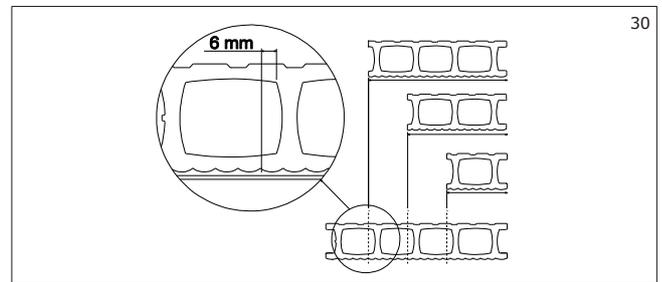
Next screw the starting clip to the horizontal joists, as shown on the diagram above.



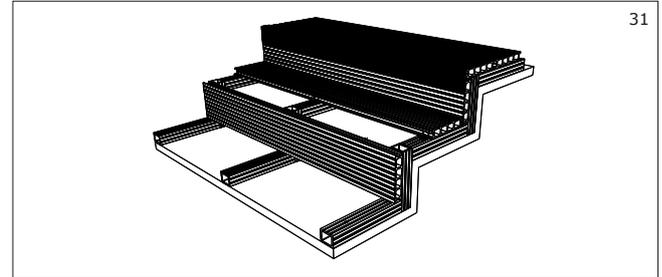
Slide the horizontal section of the step into the clip.



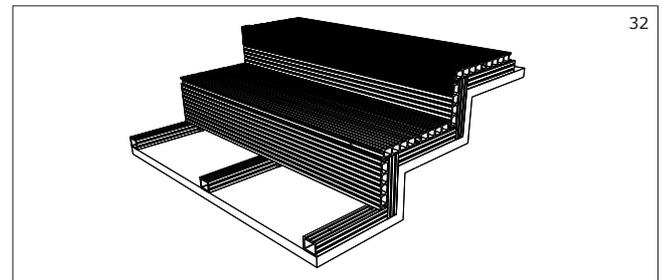
Slide a Pro-Clip under the stair board and screw down to joist



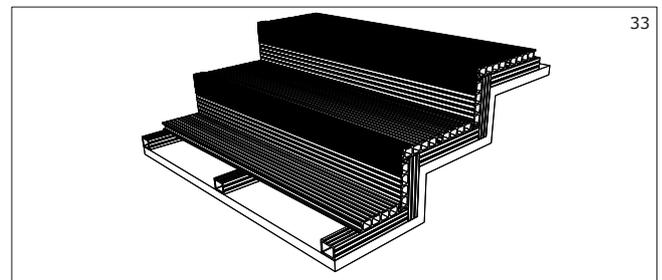
Follow the above diagram when cutting boards lengthways, always remembering to leave a 6mm overhang allowing you to join a board to a joist using a clip.



Repeat the earlier instructions to construct another step.



Slide the terrace board into the attached clips.



Follow earlier instructions and join the vertical sections of the step using a strip.

## 10 Conservation

Pro decking boards undergo the proces of seasoning .Their colour settles after 4-5 months.The material combination ( 50% PVC and 50% wood dust) means that the boards do not require painting,impregnating or any other form of maintenance. To clean the terrace from dirt and weathering, use a high-pressure washer with a standard ending (max. pressure 50 bar). To remove very heavy soiling, use diluted household detergents. Greasy stains can be removed with the help of degreasing detergents and rinsed with a pressure washer. Stubborn stains or surface scratches can be removed using a wire brush rubbing the surface in the direction of the wood grain. Using a wire brush may cause a slight discolouration, which disappears over a period of time.

## 11 Warranty conditions

Not following the installation instructions may invalidate the warranty of the whole Pro terrace system . Colour may vary between batches. The Pro terrace system comes with a standard 2-year manufacturer's warranty, and an additional 25-year warranty against rot and decay. The warranty covers all components of the terrace system, excluding labour and installation costs. The manufacturer is not liable for loss and damages due to installation errors.



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