

Assembly instructions for the professional installation of an Artwood® terrace deck

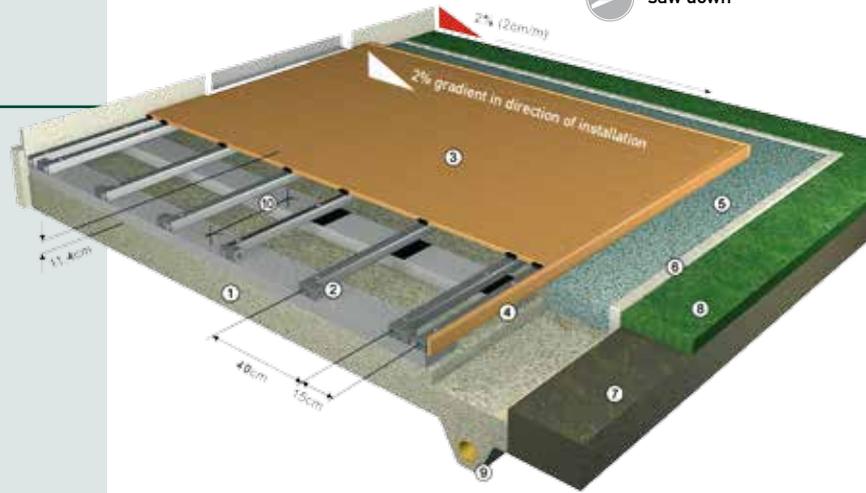
 pre-drill/screw

 saw down

Overall structure

1. Stable, compacted gravel or aggregate bed (not sand)
2. Artwood® construction beam on concrete paving with anchoring blocks for Artwood® terrace decking
3. Artwood® terrace decking secured with terrace clip
4. Artwood® end strip bordering terrace all round
5. Gravel bed all round
6. Edging stone running all round on sand or lean-mixed concrete
7. Topsoil
8. Lawn
9. Drainage
10. Distance between beams max. 50 cm

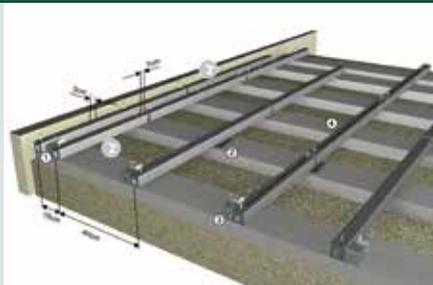
Note: Max. 10 x 10 m, then include expansion gap. Always pre-drill holes.



Step 1: Base and foundation

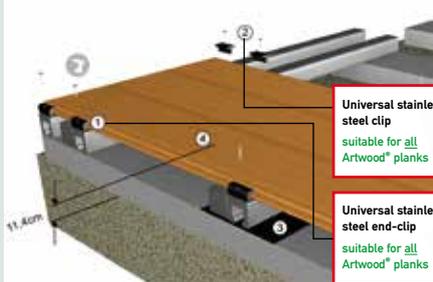
1. Soil with 4% gradient to drainage (d > 10 cm)
2. Stable, frost-proof gravel bed with 2% gradient to drainage
3. Concrete paving 5 x 25 x 100 cm

You can also find our detailed installation instructions in our flyer or at wpc.retteneier.com



Step 2: Substructure

1. Position 2 Artwood® construction beams each at the beginning and end and screw to concrete paving. (e.g. window frame screws 7.5 x 92 mm, TX 30)
2. To level gradients and extend the service life of the terrace, use support pads
3. When using end strips, see step 4, point 2
4. To prevent shifting later on, screw the middle Artwood® construction beam to the concrete paving and fit with a silicone seal (or double-sided adhesive tape or professional retaining tape). Always stagger the longitudinal joints of the construction beams. Screw all construction beams in the edge area



Step 3: Clip system (7 mm)

Universal stainless steel clip
suitable for all Artwood® planks



Plastic clip
Suitable for planks 19 mm or thicker



Universal stainless steel end-clip
suitable for all Artwood® planks

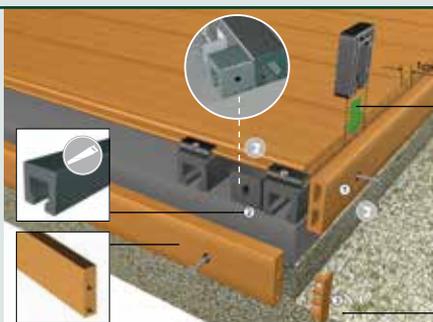


Plastic end-clip
Suitable for planks 19 mm or thicker



1. All holes should be pre-drilled with a 3 mm metal bit. Fasten the first plank flush with the construction beam using the Artwood® terrace end-clip (screws 4 mm black, T 20)
2. Screw the Artwood® terrace clip loosely in place and then slide the next plank against the clip as far as it will go. Use this method to fix the following planks and clips in place. After installing 5 planks, tighten up the clips permanently with a medium torque
3. Use support pads if needed
4. Direction of installation of the decking at right angles to the building with a 2% gradient

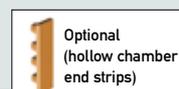
Tip: Chamfer raw edges



Step 4: End strip



(Alternatively: screw)



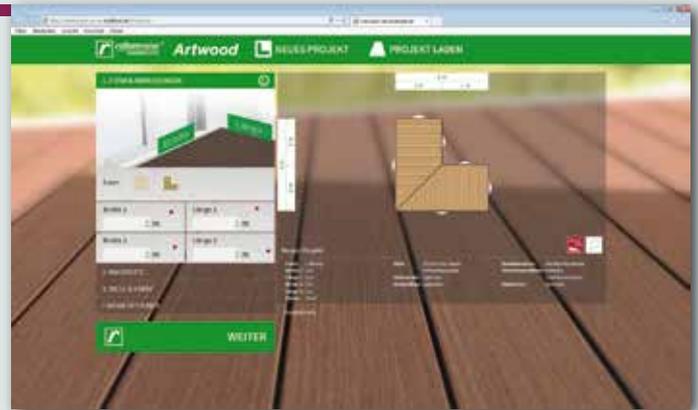
1. Installing at the end of the planks: Cut the planks in the edge area flush with the Artwood® construction beam and chamfer the raw edges. Pre-drill holes in the construction beam (3 mm) and Artwood® end strip (5.5 mm for countersunk screw). Fix the screw to fasten the spacer in the pre-drilled hole (using 4.5 x 60 V2A screws in centre beam every 50 cm), insert the spacer and tighten the screw
2. Installing parallel to the planks: Saw off a 4 x 4 cm piece of the Artwood® construction beam. This acts as an anchoring block for the end strip. Screw the anchoring block to the adjacent construction beam using a metal bracket (max. 40 x 40 x 40 mm). Pre-drill a hole at the end. Secure the Artwood® end strip, as described above
3. Optionally, attach Artwood® 17 x 60 mm caps

Step 1

Visit our website www.outdoor-wood.retttenmeier.com
Click on the "Terrace Planner".

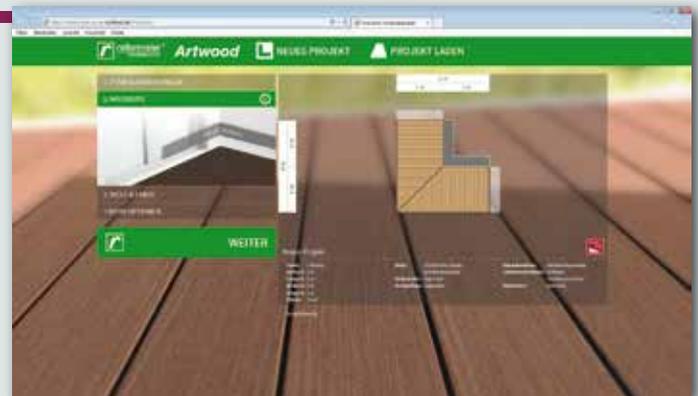
You can launch the planner with the menu item
"Plan an Artwood terrace" menu item.

Choose the shape of your terrace in step 1 and enter
its dimensions.



Step 2

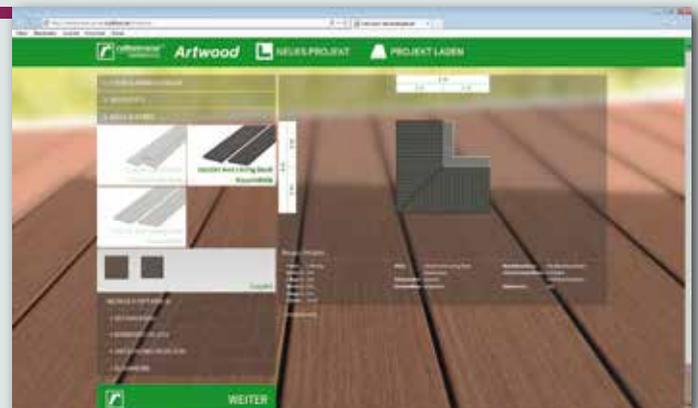
Use the grey fields to select the right side of the house.



Step 3

Choose your desired planks.

You can adjust more parameters, such as the deck structure,
sub-structure, etc., using the menu item "More options".



Step 4

The calculation helper immediately shows you the required number
of planks and accessories, including the item numbers. You can then
print out the parts list or save it as a PDF.

In addition, you have the option of printing out the corresponding,
detailed construction drawing or saving it as a PDF.

Our detailed Artwood[®] assembly instructions can be found on our
homepage at [www.outdoor-wood.retttenmeier.com/en/service/
assembly-instructions](http://www.outdoor-wood.retttenmeier.com/en/service/assembly-instructions)

