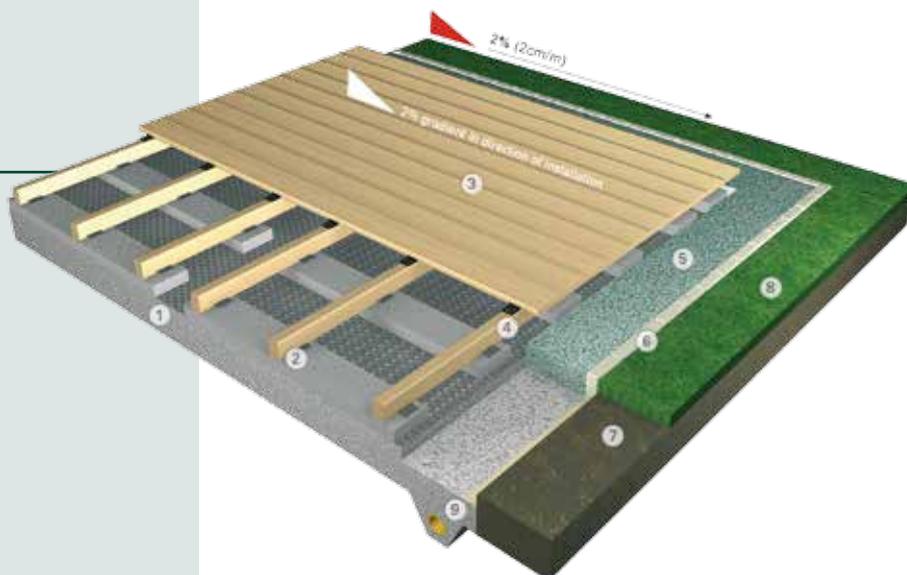


## Installation instructions for proper construction of a wooden terrace

### Overall structure

1. Stable, compacted gravel or aggregate bed, covered with a fibrous web
2. Construction beams on concrete paving
3. Terrace decking
4. Spacers
5. Gravel bed all round
6. Edging stone running all round on sand or lean-mixed concrete
7. Topsoil
8. Lawn
9. Drainage



### Base and foundation

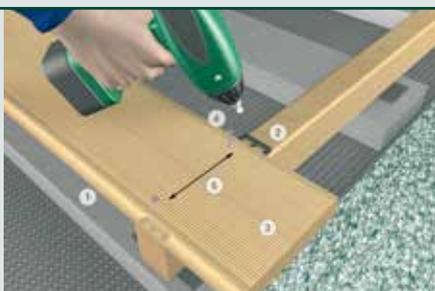
1. Soil with 4% gradient to drainage
2. Level and compact a stable, frost-proof gravel bed with a 2% gradient to the drainage and cover with a fibrous web
3. Concrete paving 4 x 25 x 100 cm
4. Distance to fixed objects min. 2 cm
5. Distance max. 40 cm (adjust end spacing so construction beams are resting min. 10 cm on paving)



### Layout of substructure

1. Place construction beam (min. 45 x 70 cm) edgewise on concrete paving. Align with spirit level and yardstick. Connect beam to concrete paving at min. 3 points
2. Use support pads if needed
3. Distance between beams: 28 mm-thick plank = max. 60 cm, 21 mm-thick plank = max. 40 cm, Thermowood plank = max. 40 cm
4. Distance between ends 1 cm
5. Distance to fixed objects min. 2 cm
6. Minimum distance between construction beam and edge of concrete paving 10 cm

**Tip:** Subsequent twisting or warping can be kept in check by using a smaller gap between beams.



### Assembly of terrace decking with visibly secured screws

1. Align the first plank at right angles to the construction beam
2. The spacer (structural wood protection) should be positioned between the decking and substructure so that the plank is in direct contact with the web of the spacer
3. Plank overhang max. 15 cm
4. The plank should be screwed through the spacer to the substructure with 2 stainless steel screws (4,5 x 60 mm)
5. Spacing of screws with board width of 145 mm, 100 mm, and 120 mm with board width of 80 mm

**Tip:** The risk of planks splitting will be reduced if they are pre-drilled and are placed at a sufficient distance from the end of the board (at least 5 cm).



1. Then affix all other planks with spacers to the substructure.

You can also find our detailed installation instructions in our flyer or at [www.outdoor-wood.rettenmeier.com](http://www.outdoor-wood.rettenmeier.com)

**Tip:** You can stop moisture pockets from developing between the construction beam and terrace decking by using spacers.

### Step 1

Visit our website [www.outdoor-wood.rettenmeier.com](http://www.outdoor-wood.rettenmeier.com)  
Click on the "Terrace Planner".

You can launch the planner with the menu item  
"Plan a wooden terrace" menu item.  
In step 1, choose your desired planks.



### Step 2

Choose the shape of your terrace and enter its dimensions.



### Step 3

In the final step, you can also specify the fastening type for the planks and the type of support.

The calculation helper immediately shows you the required number of planks and accessories, including the item numbers.

You can then easily print this overview in the "Print preview" and find the nearest DIY centre using the "Search for stockists".

You can navigate directly to our extensive assembly instructions for wood terrace decking via the "Assembly instructions" button.

