

# **ASSEMBLY SHEET**

## **\ CONSTRUCTION OF WOODEN PATIO**





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### LES COMPOSANTS

#### **Here are the parts you need to build a patio**

- > Adjustable support pedestals
- > Joists
- > Wooden boards
- > Bitumen sheeting
- > A geotextile ground cover
- > 5×60 ROCKET A2 stainless steel terrace screws
- > 6×100 and 5×40 ROCKET A2 stainless steel screws
- > Spacers or an x-shaped wedge
- > A board straightener (optional)
- > A spirit level
- > A measuring tape
- > A brick mason's ruler
- > A radial arm saw
- > A screw gun
- > A chalk line
- > A handsaw

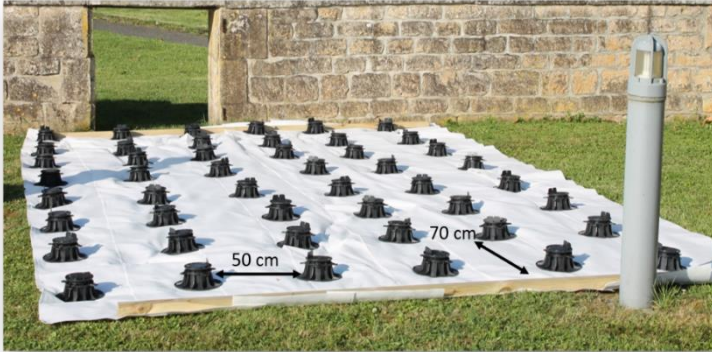
### THE KEY STAGES

- 1 - PREPARING THE GROUND**
- 2 - LAYING THE JOISTS**
- 3 - LAYING THE WOODEN BOARDS**
- 4 - FIXING THE WOODEN BOARDS**

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### STEP 1 \ PREPARARING THE GROUND



> Start by laying the geotextile tarpaulin over the entire length of the site. This cover will prevent the growth of weeds below the terrace and will save you from weeding between the blades.

> Place the pedestals over the entire floor to be covered, at a distance of 50 cm between the joists and 70 cm in length. The space between the woods and the ground allows the terrace to be well ventilated.

### STEP 2 \ LOYING THE JOISTS



> Place the joists on the lines of pedestals and secure them with 5x40 stainless steel ROCKET screws.

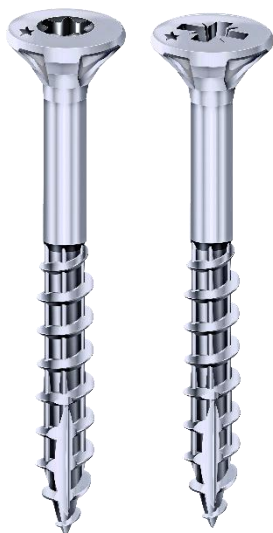
> Cut small joists to connect the lines previously fixed to the studs. They will serve as spacers. Secure them with ROCKET stainless steel A2 6x100 screws every 3 studs.

> Check the level of the joists using a spirit level and a mason's ruler.

Screw or unscrew the studs to adjust the height and level everything. Also check the alignment of the end of the joists on the exterior side.

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### + PRODUCT ROCKET



#### **ROCKET A2 stainless steel wood and chipboard screws – a high-tech solution for your outdoor projects**

Outdoor wooden structures such as patios, cladding and fences require the use of treated or tropical wood in order to cope with bad weather or other vagaries.

you also have to pay particular attention when putting these sorts of structures together. At ROCKET we have developed a range of stainless steel screws, available in pozidriv and star head, which retain their levels of performance and design when used outdoors.

### STEP 3 \ LAYING THE WOODEN BOARDS

> Glue the bituminous waterproofing strips to the joists and spacers. Remember to fold the edges. These insulate and protect the deck boards from the joist.



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- > Install the boards perpendicular to the joists. Start at an angle. The other end of the plank should be halfway through the joist. Leave a gap of 2 mm between the boards on the joist joist. (In our case, our plank is the entire width of the terrace) and an expansion space of 10 mm if you are against a wall.
- > Mark the cutting area on the blade and cut it with a saw. Extend the boards on each side of the joists for a possible finish (straight cut). The overhang will allow you to make a finishing cut.
- > For the following lines, place spacers between the slats to provide an expansion space. Continue on the same principle row by row.



### STEP 4 \ FIXING THE WOODEN BOARDS

- > Make a pilot hole with a stepped drill bit. This is very useful when you have to drill and countersink many holes in often hard wood. In order to achieve a clean and uniform job, it is preferable to always drill and above all mill to the same depth. Its free rotating ring stops on contact with the piece of wood, preventing any marks on the blades. The drilling and milling depths can be precisely adjusted. In addition to this, you need to know more about it.
- > Fix the plank in the joist with the ROCKET Terrace 5x60 screw.



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#### **ROCKET patio screws are ideal for patios made from hard or tropical wood.**

They are double threaded, which ensures the boards will stay in place on the joists. As a result of the high-quality materials they are made from, they are among the best non-split screws on the market. Pre-drilling required for hard wood, must comply with DTU 51.4 (French construction industry standards)

> On the side, mark the cutting line of the boards with a chalk line. Cut the edge of the blades with the saw.

> Then screw a plank vertically onto the joists to hide the studs on the side of the terrace for more aesthetics.

