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## PACK A

PLEASE SEE OVERLEAF FOR  
ASSEMBLY INSTRUCTIONS

Grange

# CONTEMPORARY PATIO PERGOLA

## PLAN

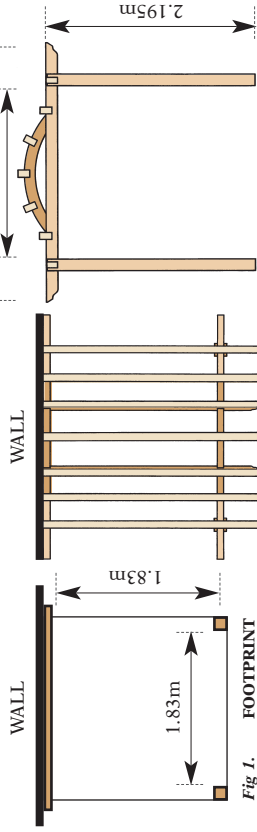
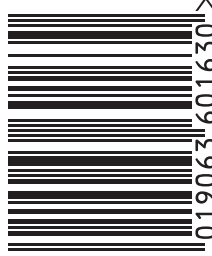


Fig 1. FOOTPRINT



5 019063 601630

## PACK A

WITH 2.7m POSTS FOR BEDDING  
DIRECTLY INTO THE GROUND

GRANGE FENCING LIMITED  
Halesfield 21, Telford TF7 4PA  
Tel: 01952 588088 Fax: 01952 581522

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NOTE: THE CONTEMPORARY  
PATIO PERGOLA  
SHOWN HERE USED A  
DIFFERENT METHOD  
THAN OUTLINED IN  
OUR ASSEMBLY  
INSTRUCTIONS TO  
SECURE THE RAFTERS

CONTEMPORARY PATIO PERGOLA (PKCPA)

## CONTEMPORARY PATIO PERGOLA ASSEMBLY INSTRUCTIONS

### PARTS SUPPLIED

Ref.	Description		Qty.
<b>A</b>	POSTS		2
<b>B</b>	RAFTERS		2
<b>C</b>	RAFTERS		7
<b>D</b>	CURVED BEAM		2

1x HARDWARE PACK & ACCESSORIES:			
<b>x</b>	SCREWS 5 x 70		18
<b>y</b>	SCREWS 5 x 100		3

### TOOLS REQUIRED *(not supplied)*

CROSS HEAD SCREWDRIVER

### BEFORE YOU START

- Check the pack/s and make sure that you have all of the parts listed above. If not, contact your retailer who will be able to help you.
- When you are ready to start, make sure you have the right tools to hand, plenty of space and a clean, dry area for assembly.

It is advisable for two people to carry out the work

### SITE PREPARATION

Mark out the area where the structure is to be sited using the 'footprint' shown overleaf.

Excavate a 300mm<sup>2</sup> hole for each post to a depth of at least 300mm (see Fig.A).

This will give your structure adequate stability.

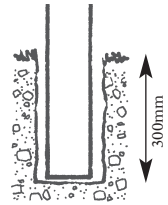
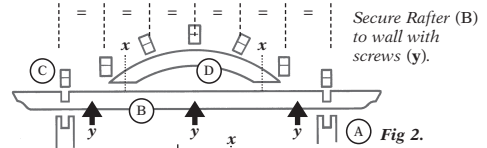


Fig. A.

### ASSEMBLY

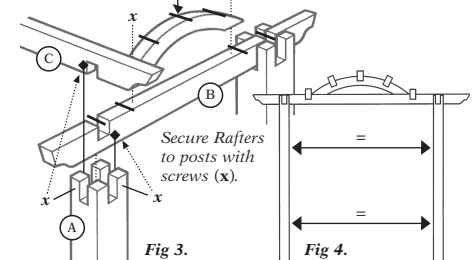
- The Curved Beams (D) have to be fixed to the Rafters (B). Mark the centres of the Rafter and the Curved Beam and line up before fixing the Curved Beam with screws (x) to the rafter.
- Once this has been done, mark out the points where the remaining rafters (C) will be fixed. Two of the Rafters will locate in the top of the posts to form a square structure. Therefore, two points between the centre and the posts need to be marked (see Fig.2).
- One of the rafters with the curved beam attached needs to be fixed to a wall at a height level with that of the front one when fitted into the posts.
- Ensure the rafter is level and central to the frame it is being fitted over and fix to the wall using three screws (y) as shown in Fig.2.
- Beginning with two Posts for the front of the structure, position them where they will be fixed. Do **NOT** fix at this point.
- Next, insert one of the Rafters with a Curved Beam attached into the tops of the Posts (Fig.3)
- The side Rafters locate within the tops of the Posts and the Rafter with the Curved Beams attached.
- Locate one of the side Rafters into the assembled end section, and secure the free end to the rafter fixed to the wall. Repeat this for the other side rafter.
- Fix the two front corner points with screws (x).
- Fix the remaining five Rafters at the points previously marked starting at the centre using screws (x)

- Ensure the structure is vertical and square before fixing the Posts in place (see Fig.4)



Secure Rafter (B) to wall with screws (y).

Fig. 2.



Secure Rafters to posts with screws (x).

Fig. 3.

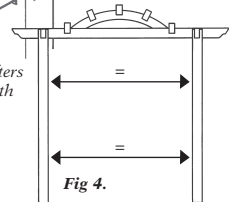


Fig. 4.

### WHEN USING AS AN EXTENSION TO THE CONTEMPORARY PERGOLA

The following changes need to be made to allow the Contemporary Patio Pergola to be used as an extension to the Contemporary Pergola.

The rafters used in the Contemporary Pergola kit need to be cut down to the same length as the ones used in the Contemporary Patio Pergola kit.

One of the rafters with the curved beam attached becomes redundant.

The structure is then assembled fixing the rafters equally spaced on the central curved beam rafter