



1. Product Name

Curved Fibre Optic Comb

2. Product Code

19545

3. Colour

White

4. Brief Description

Curved wooden 'comb' to hold up to 200 fibre optic strands.

5. Contents

- 1 x wooden quarter circle
- 4 x 'L' brackets

Note: fibre optics and a light source are required but not included. 3 lengths of safety chain are not included, but are recommended

6. Snoezelen® Stimulations

- Sight

7. Best Use

In a 90° angle corner in a darkened environment.

8. Compatible ROMPA® Products

19210 – Light Source by ROMPA®

17905 – Super Safe Plastic Fibre Optics 2m x 100 strands

17907 – Super Safe Plastic Fibre Optics 2m x 150 strands

17908 – Super Safe Plastic Fibre Optics 2m x 200 strands

19870 – Super Safe Plastic Fibre Optics 3m x 150 strands

19871 – Super Safe Plastic Fibre Optics 3m x 200 strands

17558 – Ultra Violet Fibre Optics 2m x 100 strands

ROMPA offer several fibre optic harnesses that are 1m long but these do not allow for any drop over the rim of the Comb.

9. Starting Up

- Install in a suitable location.
- Place the light source on the top.
- Attach the fibre optics to the light source.
- Switch the light source on.

10. Detailed Description

Curved wooden 'comb' to hold up to 200 fibre optic strands. Use as a beautiful curtain to separate off a corner. To be wall-mounted on solid walls. Please order your fibre optics and light source separately.

11. Safety

- Supervise the use of this product.
- Do not allow users to pull on the fibre optics or hang from the comb. This product is not intended to support the weight of a person.
- Make sure this product is safely installed before use.

12. Technical Specification

Size: 122 x 122cm
Weight: Approximately 15kg

13. Installation

1. Bearing the following points in mind, choose a suitable location for the Curved Fibre Optic Comb:

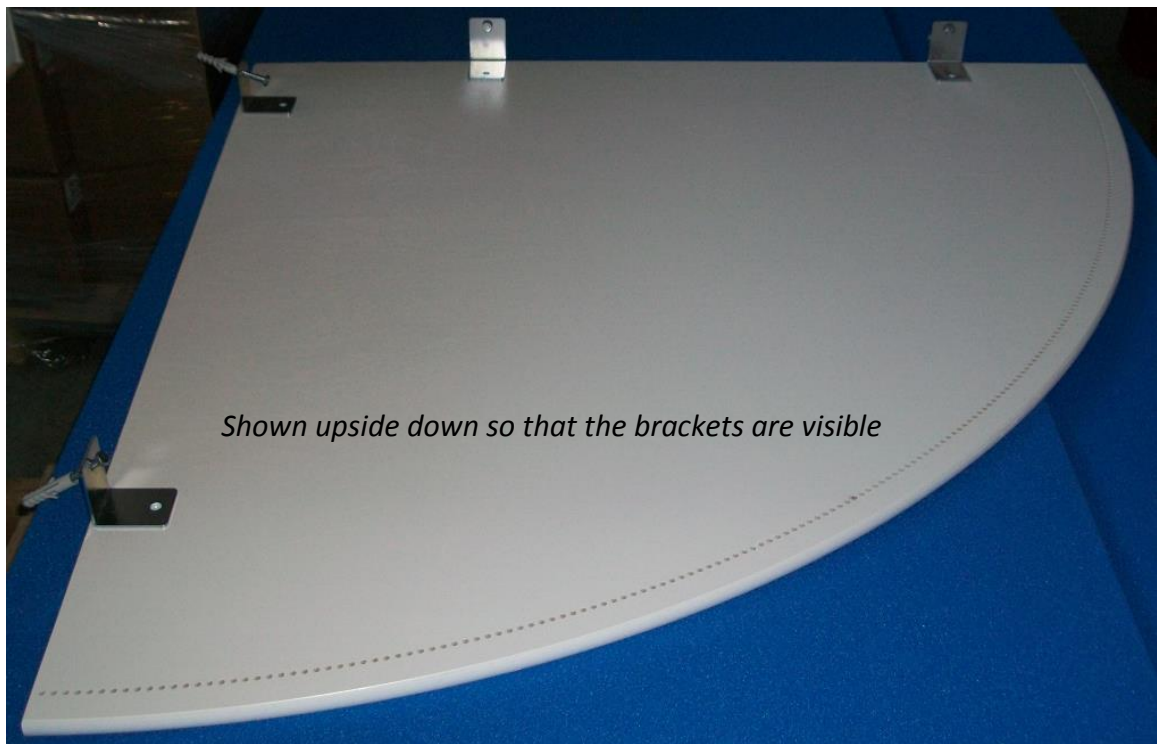
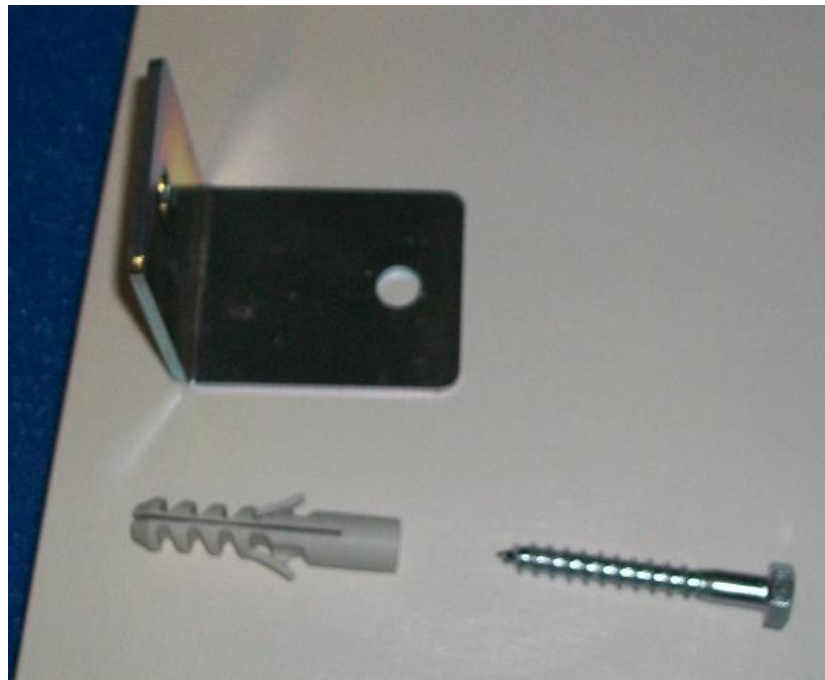
- The product should be installed in a right-angled corner
- The walls the comb will be attached to should be solid enough to comfortably hold the weight of the product
- The product weighs approximately 15kg
- The product measures 122cm x 122cm
- The height – do not install the comb so low that you risk anyone banging their head on the wood or trying to swing off it; do not install the comb so that the fibre optic ends are trodden on
- Choose fibre optics of an appropriate length. It is neither far from ideal having the fibre optics trailing on the floor, nor having the fibres so short that a curtain effect cannot be created
- Your light source will need to be plugged in so consider proximity to a wall socket. Make sure the cable will reach a wall socket.
- We recommend the use of a ROMPA® light source as this will give you maximum colour choices without any heat. Since the comb is wood, it will be safe to place the ROMPA® light source on the wood where as other models of light sources using spotlights can become very warm with use. The ROMPA® light source can also be controlled wirelessly as part of the ROMPA® Wi Fi range.
- Allow for the extra weight the light source will add to the comb and again check that the fixtures supplied are appropriate to the construction of your wall.

2. Before attaching the comb to the wall, it is recommended that you lay the wood on the floor. Place your light source on top and try to work out the best place for the light source. If the light source is central, the fibres will appear longer opposite the right angle of the comb and shorter nearer to the straight edges, as shown in the photograph to the right. You may wish to install the light source at one side so that the fibre optic strands increase/decrease in length from one edge of the comb to the other. Experiment till you find the desired location of the light source. You may wish to fix the light source down so that any movement of the strands does not move the light source.



3. Once you have decided upon the location of the light source, carefully thread the strands through the holes along the curved edge of the comb. There are approximately 100 holes, each large enough to accommodate more than one strand.
4. Attach the plates to the wood, two per straight side using appropriate fixings. The plate should be to the underside of the wood so that the wood is supported on the plates rather than hanging off them. There are no pre-drilled holes in the wood to allow you to position the plates appropriately to your walls.
5. Check that there are no pipes, cables etc behind the wall where you are planning to attach the plates. Drill an appropriate hole in the wall to accommodate a raw plug. Pass an appropriate screw through the plate and into the raw plug. Make sure the plates are securely attached.

Examples:





Plates should be as shown immediately above – under the wood and so supporting the wood, not allowing the wood to hang from the plate

6. Secure safety chains: secure one end to the comb and the other end to the ceiling. The use of these chains is very important. Should the comb be forcibly pulled from the wall, the safety chains will help stop the comb from falling further. Space the chains at a suitable distance apart – this will be subject to where they will be fixed to the ceiling, and where you have placed the light source. Choose a metal chain that is more than capable of holding the combined weight of the products:
 - Comb: approx. 15kg
 - Light Source: approx. 500g
 - Fibre Optics: approx. 1kg (1m x 100 strands; approx. 4kg for 2m x 200 strands)and the potential weight of a sudden drop should the existing fixings fail.
7. You may wish to consider some sort of tie backs lower down the wall to keep the ‘curtain’ open and for safer ‘storage’ of the fibre optic strands when the room is not in use.
8. Once the product is safely installed, switch on your light source. Please refer to the separate instructions supplied with your light source and fibre optics.

14. Care and Maintenance

- Do not submerge in water.
- Wipe the strands and wood with a clean cloth and a mild, non-abrasive cleaning product.

15. Troubleshooting

Not applicable

Further copies of these instructions can be downloaded at www.rompa.com

We hope you find our instructions invaluable. If you have any suggestions for improving them further your comments will be greatly received – please contact us at

producthelp@rompa.com