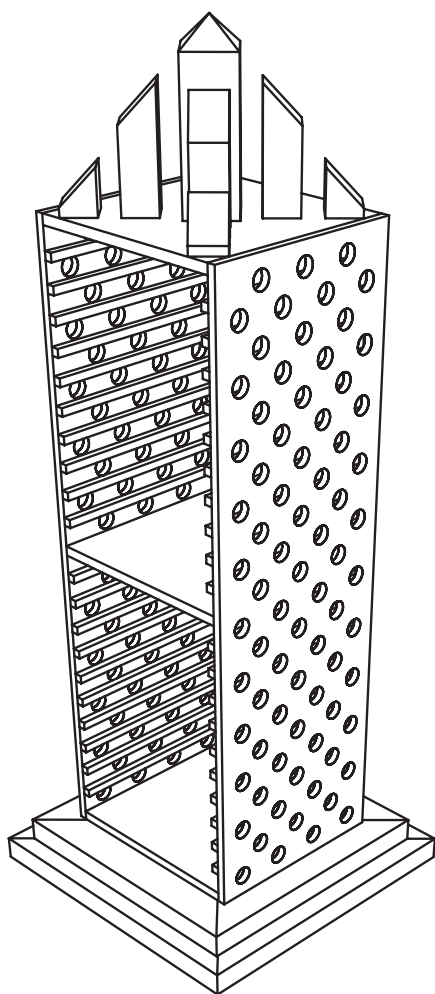


OPITEC

Hobbyfix

112.972

CD-Ständer Skyscraper



Please Note

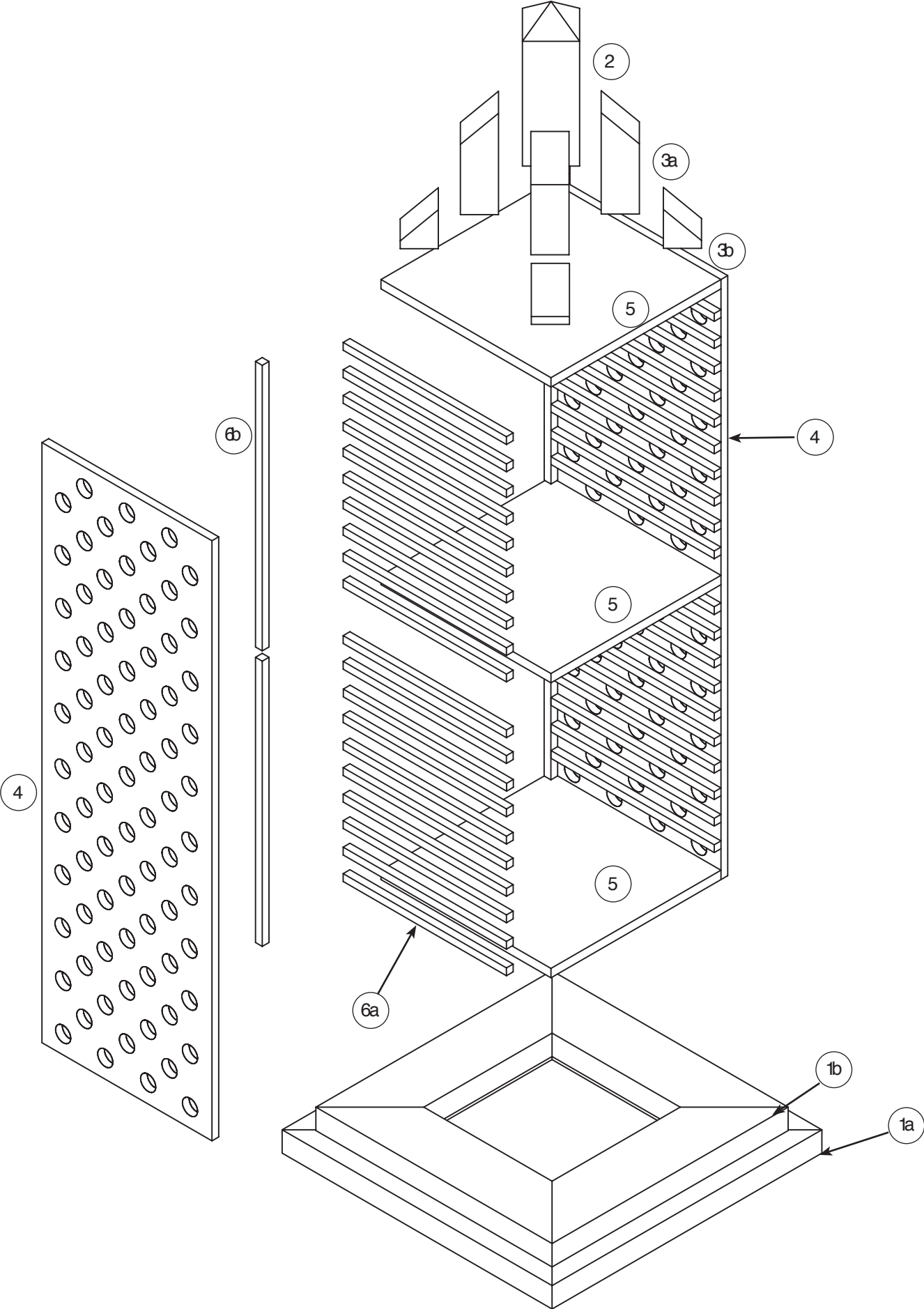
The OPITEC range of projects is not intended as play toys for young children. They are teaching aids for young people learning the skills of Craft, Design and Technology. These projects should only be undertaken and tested with the guidance of a fully qualified adult.

The finished projects are not suitable to give to children under 3 years old. Some parts can be swallowed. Danger of suffocation!

PARTS LIST				
	Part	Size (mm)	Description	Part-Nr.
Wood strip	4	15x40x350	Base	1
Wood strip	1	30x30x150	Sides	2
Wood strip	4	20x20x75	Sides	3
Plywood	2	5x126x385	CD-Holder	4
Plywood	3	6x126x126	CD-Holder	5

Instructions

1. Exploded drawing



Instructions

2. Making the base socket

2.1. From the pine strip (1) 15 x 40 x 350 mm cut 4 pieces as shown 200 (1a) and 175 (1b) saw the ends at 45 degrees

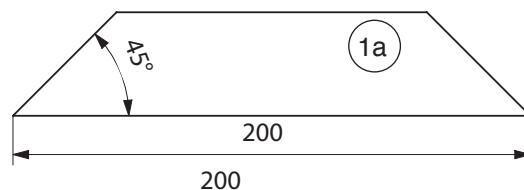
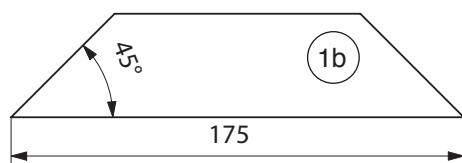
Note: The socket must not necessarily be cut at 45 degrees. They can also be butted and glued to each other.

If you butt joint the strips the sizes will change:

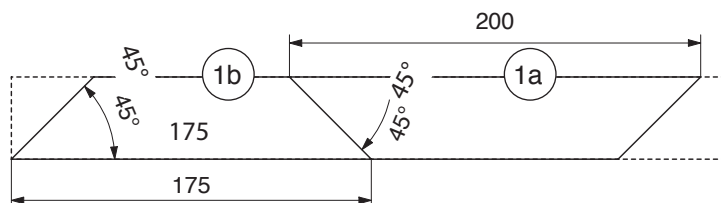
The wood strips are 2 strips x 95mm, 2 strips 175mm

2 strips x 120mm, 2 strips x 200mm

Hinweis: Die Sockelleisten müssen nicht auf Gehrung gesägt werden. Alternativ kann man die Leisten auch stumpf aneinanderleimen. Dann ändern sich natürlich die Abmessungen der Leisten wie folgt: 2 Leisten 95 mm, 2 Leisten 175 mm
2 Leisten 120 mm, 2 Leisten 200 mm



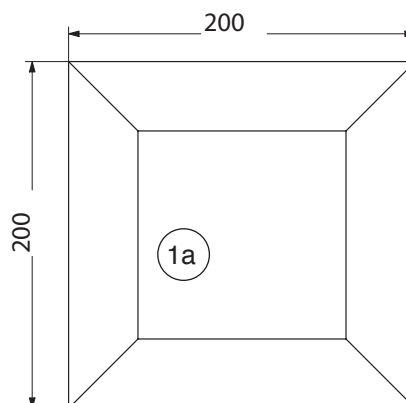
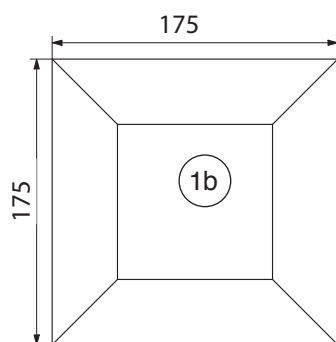
Cutting pattern for 4 strips



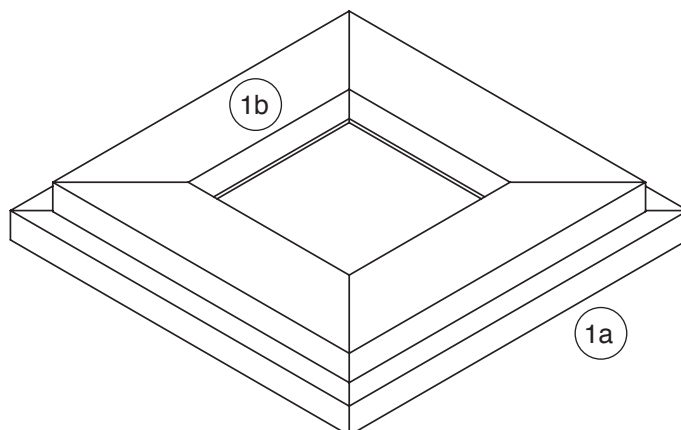
2.2. Cut the 4 strips (1a) and (1b) and glue into a frame.

Note: Hold the strips in a clamp

Hinweis: Die Leisten mit Gehrungszwingen fixieren!



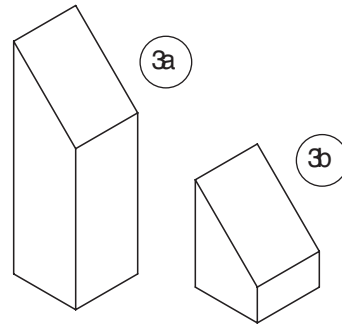
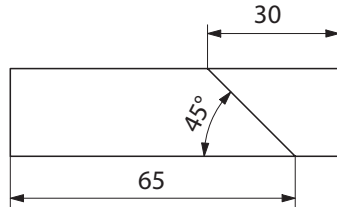
2.3. Once the glue is dry glue the parts of the base together.



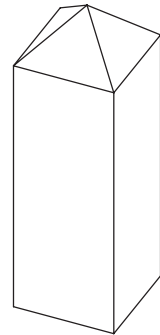
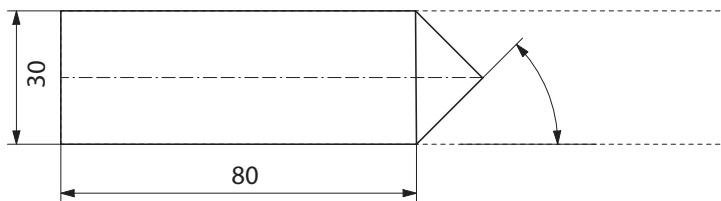
Instructions

3. Making the top

3.1. Cut the four wood strips(3) and saw them at a 45 degree angle as shown.



3.2 Take the strips (2) and cut them at 45 degrees on all sides



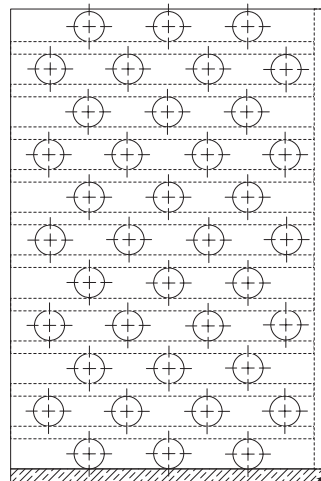
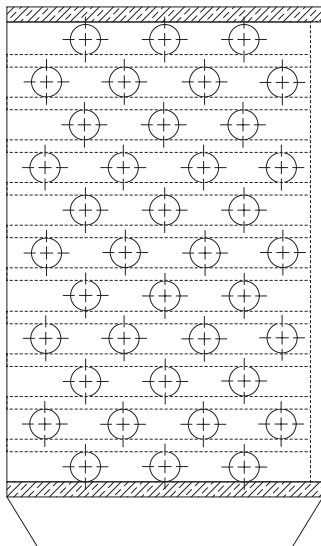
4. Making the CD holders

4.1. Take the patterns (Page 7/9) and glue them together (tab) and trace it on the plywood(4) as shown.

Note:

This variation is only a suggestion

top



bottom

Instructions

4.2. Place the plywood sheets together (4) and drill them in one action $\varnothing 10$ or $\varnothing 12$ mm (Wood or metalworking drill)

Note place a piece of scrap wood underneath the plywood when drilling. This is to stop the wood splitting on the reverse side.

4.3 From the 20 wood strip (6) saw 40 strips each 121mm long (6a)

4.4 For the Cd stops cut 4 wooden strips 183mm (6b) and glue them to the inner of the plywood sheets (4)

Note:

The broken lines mark the area to be glued (5)

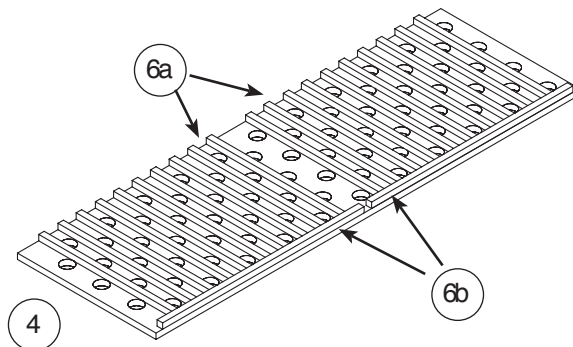
Do not glue wood strips here (6a) !

4.5 Glue the following according to the pattern, (6a) stop strips (6b) on the inside of the plywood sides (4)

4.5. Nach Schablone Auflageleisten (6a) und Anschlagleisten (6b) auf die Innenseite der Sperrholzbretter (4) leimen.

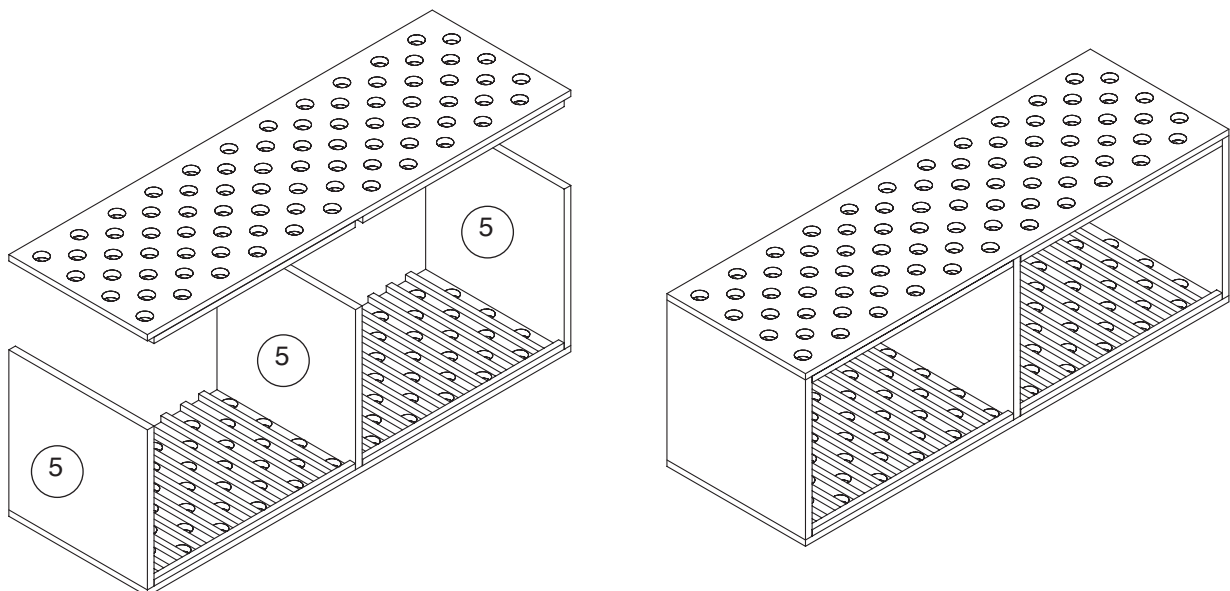
Hinweis:

Gestrichelte Felder markieren die Leimfläche für die Sperrholzbrettchen (5). Hier keine Leisten (6a) aufleimen!



4.6. Now glue the spacers (5) on the glueing area with the broken line.

Note: The sidemus stand upright ,check the spacer with a try square to ensure that it is 90 degrees.



Instructions

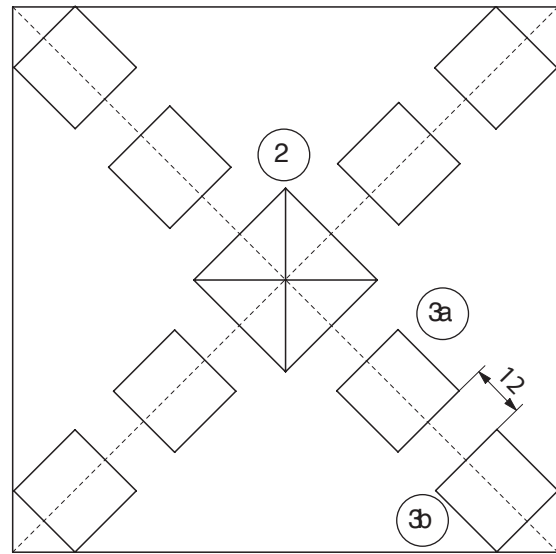
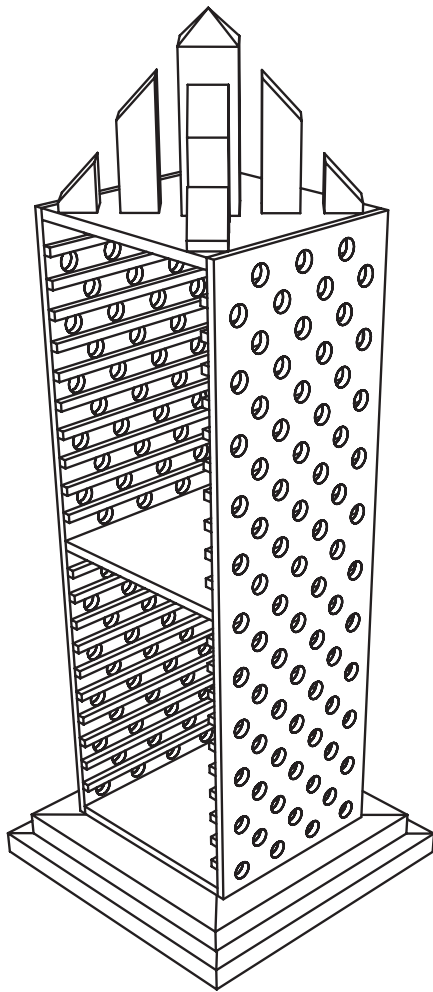
5. Fial assembly

6.4.1 Once the glue for the spaces has set mount the stand on the socker and glue it in place.

6.4.2 Glue the top parts as shown on the plan (5)

Note:

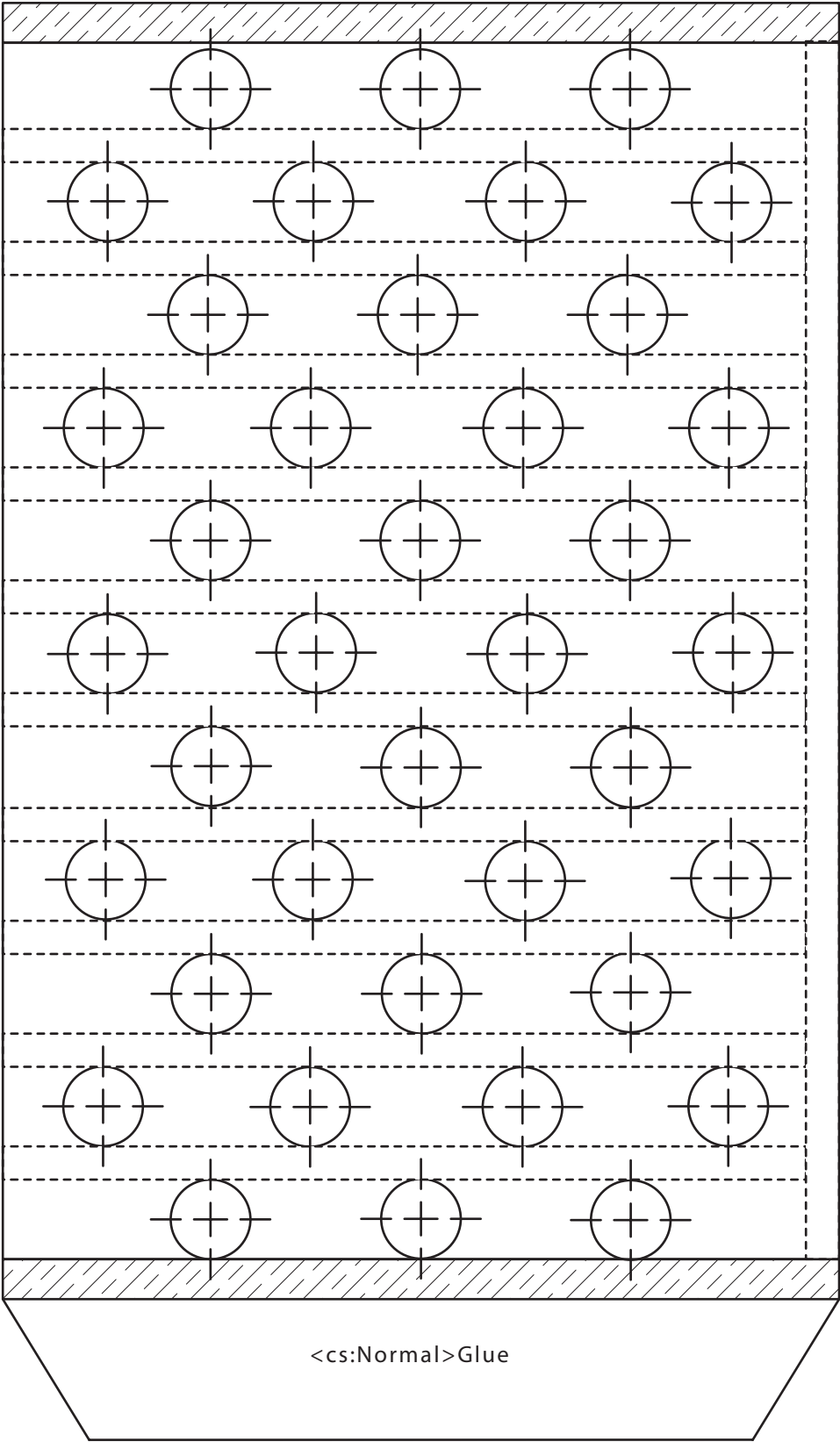
Instead of finishing at this level you can add another story to the skyscraper (To take another 22CDs) and then finish the top as shown.



6.4.3 Finally give your CD tower a coat of clear varnish or you can add a coloured stain to finish, or other decoration as you wish.

Instructions

Pattern top
E 1:1



Instructions

Pattern :scale 1:1
M 1:1

