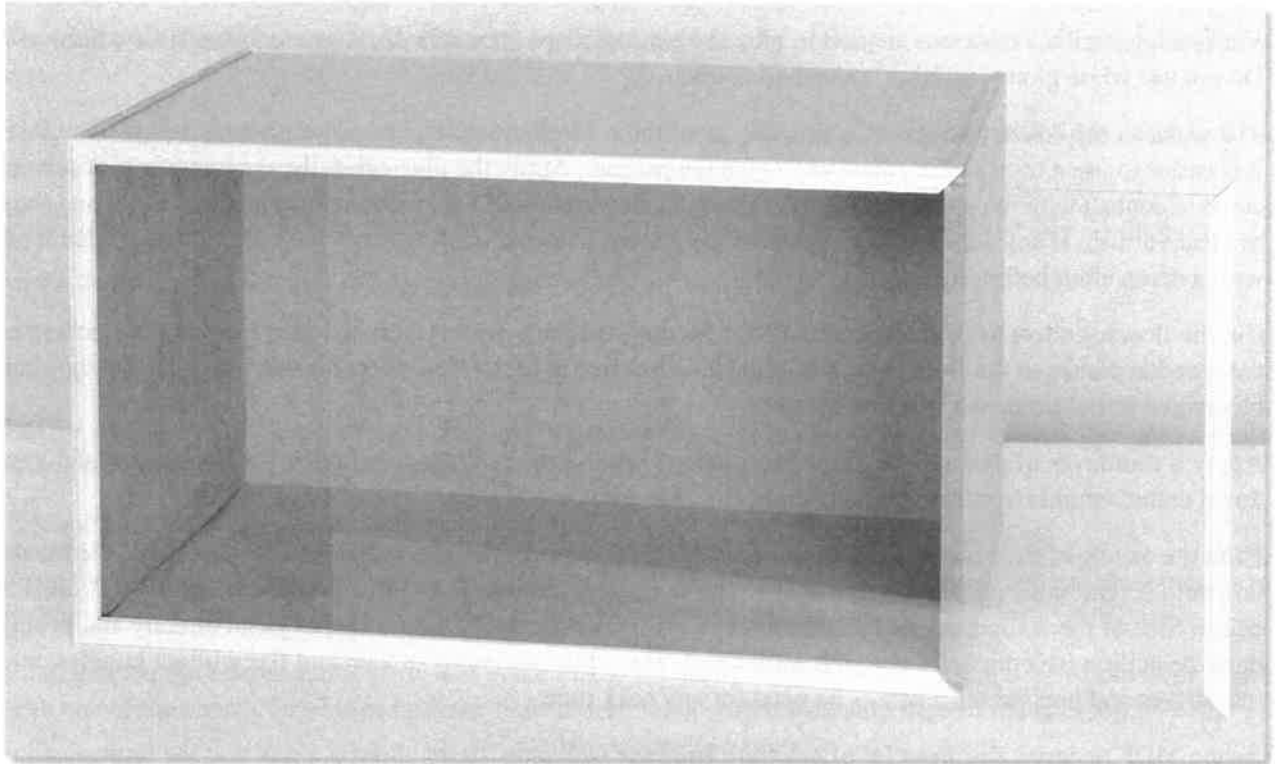




MODULE ROOM BOX

90100

Assembly Instructions



Introduction

With our new MODULE ROOM BOX we have created the opportunity to initially start with only one room. Later, several rooms can be stacked on each other and thus create a complete doll house that is only 52 cm wide. A top floor (attic) completes the picture.

The MODULE ROOM BOX has an ideal measure: The room width of 50 cm and the depth of 30 cm allows the use of all of our parquet and plank flooring sheets. Moreover, the ceiling height of 28 cm allows a good view and it is also high enough to establish your own little business on the ground floor.

For the connection of a ceiling light, a hole for the electrical conduit is already available and above the ceiling a hollow space of 2 mm is provided, which can perfectly be used for laying the cord to the back of the MODULE ROOM BOX.

The glass window closes off the space dust proof. Depending on the arrangement of the frame, the glass pane can be slid to the right or to the left.

And the best of all, later on, when "necessary", you can connect the new building to the left and right with so many new MODULE ROOM BOXES as you like. The concept of modularity is endless...

It's time to build your very own dream step-by step.

It is recommendable to do a lot of the work before you start assembling parts together:

Preparatory steps prior to assembly:

The parquet and the strip flooring can be laid down after the room has been assembled. It is, however, much easier if this procedure is carried out before the ceiling and the walls have been placed into position. It is then much easier to sand the flooring (with fine-grained abrasive paper) and to seal the surface (with clear varnish).

As well flooring with natural clay tiles is much easier before the walls are assembled especially to point up the joints with joint cement and to seal the tiles afterwards.

Various types of adhesive can be used to glue the parquet strips (contact adhesive, any other clear adhesives). Do not use white glue or another water-based adhesive!

The water in the adhesive causes the tin parquet wood to swell up and the edges to become wavy. Therefore, it is easier to use a transparent adhesive to glue the parquet. Apply the glue carefully, ensuring that it does not come in contact with the upper surface of the parquet because it will later prevent the penetration of wood stain or clear varnish. If any adhesive does get onto the upper surface of the parquet or the strip flooring, wipe it off with a damp cloth before it dries.

Cut the flooring sheet to the precise size (500 mm long, 300 mm wide!) and then glue the parquet flooring or the wooden planks to the floor base: 5 mm must be left free at each of the short outside edges so that they can be pressed into the side walls rebate grooves.

Apply a thin layer of paste to the floor base. Once laid, the sheet of parquet flooring is pressed on and kept down under weights (e.g. heavy books) until the glue dries.

Paint the ceiling of the room white with acrylic varnish or simply stick the wallpaper included in the cardboard box onto it. The same applies here as does to the flooring: 5 mm must be left free at each of the short outside edges. Size of the wallpaper: 500 x 300 mm. For wallpapering, apply the wallpaper paste directly and evenly onto the ceiling (or optionally onto the wallpaper). The white wallpaper is then laid flat without bubbles onto the surface and pressed on. There is no need for any soak time.

As the MDF material absorbs a lot of moisture from the wallpaper paste, there is a risk that the rooms ceiling might sag slightly as a result. To prevent this happening, it is recommendable to use a clear varnish (primer) to seal the room ceiling before applying the wallpaper paste. Often applying a lot of moisture to the upper surface of the rooms ceiling is enough to prevent sagging.

A deformation of the room ceiling can be avoided completely by using an adhesive that is not soluble in water (e.g. all-purpose adhesive) to stick on the wallpaper. Spread the adhesive evenly with a spatula or a small wooden blade over the area before hanging and smoothing the wallpaper.

If you plan to hang up a ceiling lamp later, it is recommendable to fix the ceiling socket outlet (item-no. 22400, 22410, 22420) with cable in position at this point as it is much more difficult to do so after assembly. The kind of the lamp can be chosen later.

It is also recommendable to hang the selected wallpaper onto the back wall at this point too. Make sure that 5 mm remains free at each of the 4 sides so that the back wall will fit into the grooves on the side walls and floor and ceiling later.

The top and bottom edges of the wallpaper will be concealed by the cornice and the skirting board. Once assembled, the wallpaper is hung on the side walls in a way which ensures that it extends by about 2-4 cm into the wallpaper on the back wall, whereby care must be taken that the pattern repeats match exactly.

Pull the wallpaper over the corner of the room then and stick it onto the side wall. This is easily done with the aid of a glue stick.

The MDF material absorbs a lot of the wallpaper paste. Therefore, the paste should be applied 2-3 times.

After wallpapering, the walls dry more quickly than the damp wallpaper and creases can form in the wallpaper. To prevent this, it is recommendable to use a hairdryer to dry the wallpaper quickly after hanging it.

Assembly

Spread a small quantity of the wood glue onto the side wall's rebate groove.

Note: The side wall rebate groove which is 2 mm wider must go on top because it will form the space for the lamp cable later. Place the side wall upright onto the floor base (without a hole).

The side wall should be supported, either by a stack of books or by placing it against a wall, until the glue is dry.

The back wall is glued in then. The second side wall follows and this is glued onto the floor board and its groove is glued to the back wall.

Finally, the room ceiling (hole in the center) is glued on. Leave the glue to dry for about 20 - 25 minutes.

Use a damp cloth to remove any excessive glue.

Frame with glass pane

Before gluing on the frame strips, paint or spray the 4 strips in white or in color (e.g. ivory or grey) while taking care to ensure that as little paint as possible gets into the groove.

The backs of the strips must remain free of paint also.

Once the paint has dried well, 3 of the strips can be glued on. The direction towards which the glass pane is to be opened must be decided first.

First, glue on the bottom frame strip, and make sure it is exactly flush with the bottom edge of the floor. Then glue one of the short frame strips onto the right or left, flush with the outside edge of the side wall:

Onto the left if the glass pane is to be opened towards the right, onto the right if the glass pane is to be opened towards the left.

Finally, glue on the top frame strip, exactly flush with the projecting edge of the side walls. Once the glue has dried, push in the glass pane as far as it will go.

The groove on the second short strip is then glued onto the glass pane so that the strip finishes exactly in alignment with the long frame strips above and below and it serves as a hand grip to pull out the front glass pane.

If the Module box is not to be connected to other boxes later but is intended instead for standing on its own, it is recommendable to cover the outsides of the side walls and ceiling. Self-adhesive films in various wood paints or plain colors are obtainable for that purpose in do-it-yourself stores and specialist shops.

To ensure that the room ceiling, which is 2 mm lower (room for lamp cable) finishes flush with the side walls, the two sheets of grey cardboard included in the cardboard box are cut to size and glued onto the ceiling before the outside walls are covered. It may be necessary to leave a small recess for the lamp cable.

Electric Lighting

In earlier times, the ceilings of all rooms would have had a stucco rosette for suspending a chandelier.

For this reason MINI MUNDUS developed special ceiling rosettes with diameters of 36 mm, 50 mm and 62 mm, which can be easily fastened to the room ceiling. The chandeliers are attached to these rosettes.

The ceiling rosettes along with the ceiling socket outlet form the basis of the patented electric system from MINI MUNDUS. By means of the 2 contact pins which are inside the rosette, the rosette can be easily inserted into the corresponding ceiling socket outlet and together with the ceiling light effortlessly fastened to a ceiling.

It is recommendable to mount the ceiling socket outlet before assembly and after wallpapering the room's ceiling. Then, connect the cable - either a lamp cable or a cable with eyelet lugs at the end (item-no. 22215) - to the ceiling socket outlet's connection lugs and run it outwards through the hole in the room's ceiling. It is then laid in the direction towards the back and connected to a transformer.

If there are several lamps, it is recommendable to connect them using the distributor panel (item-no. 22300) or a 12 socket power strip (item-no. 22120) attached to the back.

The alternative – MiniLux LED lamps

3 lamp LED battery chandelier (# 26100), 2-arm LED battery wall lamp (# 26200), both with tulip covers.

Our MiniLux LED battery lamps are really something special, made from brass, gold-plated, which are equipped with LEDs that light up with a warm white light, similar to the light from a light bulb.

The battery and a small switches are integrated in the base of the lamp, so that wiring is not required. Therefore, our LED battery MiniLux lights are ideal suited for the module-box.

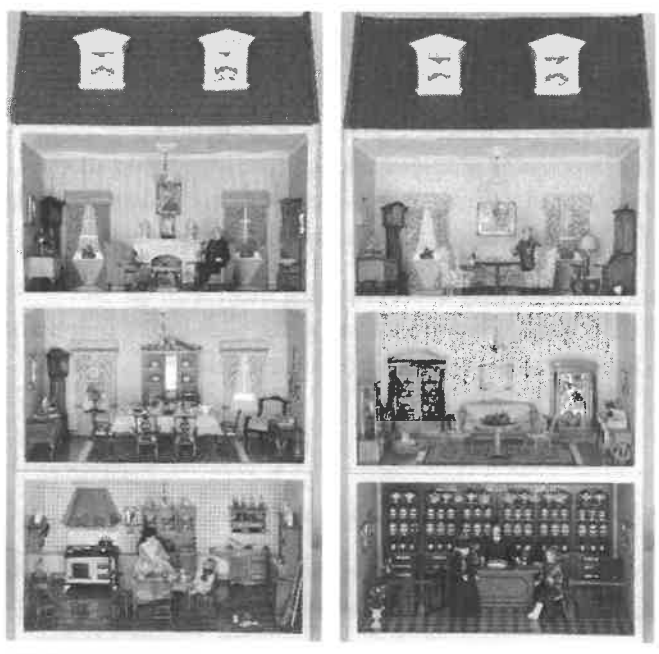
Partition wall

A partition wall with a door cut-out (item-no. 90120) is available for dividing the space in a box, e.g. between the bedroom and bathroom, the kitchen and storage room or the Workroom and dining room.

The cut-out is intended for the interior panel door, either untreated (item-no. 60070) or painted white (item-no. 60071).

As there is no groove for the partition wall, it is recommendable to glue the wall in the desired position on the floor before putting on the room ceiling. The wall must be supported until the glue is dry. Then, apply glue to the upper edge and put the ceiling on.

Modularity



The module boxes are easy to stack and can be fixed on the back with two screws.

As you can see: There is no limit to modularity, thereby offering you a foundation for your hobby that you will be able to joyfully pursue for many years to come.

Order numbers:

- 90100** - MODULE BOX
with front glass panel
- 90110** - Attic floor
- 90120** - Partition with door cut-out