

ASSEMBLY INSTRUCTIONS

RTS 10D14 REIMS-GUEUX PAVILLON CENTRAL

CONGRATULATIONS

Congratulations in choosing a unique product to enhance your slot car track diorama. This can truly be described as a product born from a love for slot cars. Buying this product have made you a member of a very special family, yes you are not dealing with a faceless business, but rather a family of slot car fanatics.

We put hours of research and skill and more importantly love into our products and it is wonderful to share our love for slot cars with you. May you enjoy the build and have years of joy having it as part of your trackside diorama.

This product is a replica of the Reims-Gueux Pavillon Central Building, dating back to the middle years of the previous century. As the name indicates this building was the heart or centre of the Reims-Gueux circuit. The circuit was closed in 1972 and soon the buildings and structures started to deteriorate, but fortunately this building was salvaged from demolition. It deteriorated over time but was renovated in the last couple of years by a group of volunteers. This building was positioned at the middle of the pit buildings along the main straight and dates back to 1933. The ground level housed some pits, on the next level offices of the College of Commissioners and the Automobile and Tourist Action bar. The upper two floors housed a panoramic restaurant with amazing views of the main straight and all the facilities.

We believe that we have captured the ambiance of this historic structure and is proud that we can also give it a second life on many a slot car trackside. We believe that this structure can be a valuable contribution to the slot car diorama world.



A photo of the restored building above.

WARRANTY

This product is covered by a comprehensive money-back warranty to ensure your absolute satisfaction with your purchase.

WHO ARE WE?

This product is brought to you by racetrackscenics.com. If you have not done so already, please visit our website today. You are also most welcome to visit the Facebook pages “Race Track Scenics Slot Car Scenery” and “Johan Malan” to keep up to date with the latest developments and the launching of exciting new products that may be in the pipeline.

You can contact Kevin Sharpe on
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for any assistance that you might require. Your feedback and a photo or two of your trackside addition will really be appreciated. We love to share in your joy!

WHAT IS IN THE KIT?

In this kit you will find all the laser cut pieces needed to assemble this product. The pieces are still intact in the sheets as they were cut to ensure that all the parts are there. Some of the loose bits inside pieces may have been removed, but they are not part of the finished product. In the section “FAMILIARIZE YOURSELF” below, you will find diagram(s) that identify and explain each piece (component) that you are about to assemble. In the section “PREPARING THE CUT PIECES” below, you will learn how to proceed to prepare the pieces for assembly.

WHAT YOU WILL NEED

We have specifically designed this product so that it is easy to assemble with only a few basic tools. You will need the following:

- a screwdriver
- a sharp hobby knife
- some glue
- a few toothpicks
- a few earbuds can be handy
- a paintbrush and paint or a rattle can or two with spray paint.

There are really two schools of thought as to the right glue to use. Some people prefer a rapid setting glue like most gel super glues, while others prefer a slower setting glue like ordinary cold wood glue. Sometimes more than one part must be assembled almost simultaneously and then a forgiving glue makes life a bit easier. Other times you may want a quick fit and then the rapid setting glue is the obvious choice. Our advice is to see what works best for you, there are no right or wrong, both types will produce a sturdy structure.

You will only need a small amount of glue and remember to look for the surfaces that will be in contact in the end and do not only apply glue to the lugs and sleeves. The latter restrict movement in one plane, but the glue fix it in the perpendicular plane. Using a toothpick is a handy way to apply glue and an earbud can be used to dab away any excess of glue (especially if you use wood glue).

If parts must be at a right angle, you can use any object to assist you in obtaining a square finished product in the end.

PREPARING THE CUT PIECES

Firstly, remove all the laser cut parts from the sheets. The sheets can be discarded. Clean the edges of the parts if there are any tiny bits where the parts were fixed to the sheets. This can be done with your knife or even your thumb nail.

We recommend that you start by sanding your finished product with a very light sandpaper to ensure a smooth finish for the end product.

WORD OF ADVICE

We would strongly advise you to do a quick dry assembly before you start gluing the laser cut parts together. Lay out all the parts on your work surface and make sure that the parts are not upside down or mirrored. In most instances it will make no difference, but in others it may be crucial to ensure a perfect product in the end.

PAINTING YOUR PRODUCT

We would strongly advise you to finish the product with paint or wood stain to make them as appealing as possible. The parts should be primed (2 coats) and painted before final assembly. Spray paint can also be used to get a very smooth finish. Oil or water-based paint can be used and specialised paints like chalk paint can be used to give unique finishes.

Generally, it is highly advisable to paint/spray before gluing. You may not be able to get to the inside of the structure after it is glued together. Covering all the parts that must not be painted or sprayed with the same colour can be a tedious process. Pre-painting will avoid this process.

Please ensure that no paint clog a sleeve where a lug must fit in later. The tolerances are often so tight that too thick a layer of paint may cause problems. It is our experiences that a small foam roller instead of a brush, will produce a better finish and far less clogging of sleeves.

Applying a base or undercoat normally makes life easier afterwards. Two coats of primer are advisable because the MDF absorbs a lot of paint. Using a single colour for the undercoat of all parts works quite well from personal experience. You can choose the paint of your preference, whether it is oil or water based. Cleaning brushes and rollers are just so much easier if you use a water base paint. A chalk paste can give a unique finish to walls and give a weathered look if so desired. If you prefer to protect the paint work of your structure you can always apply a clear spray coat.

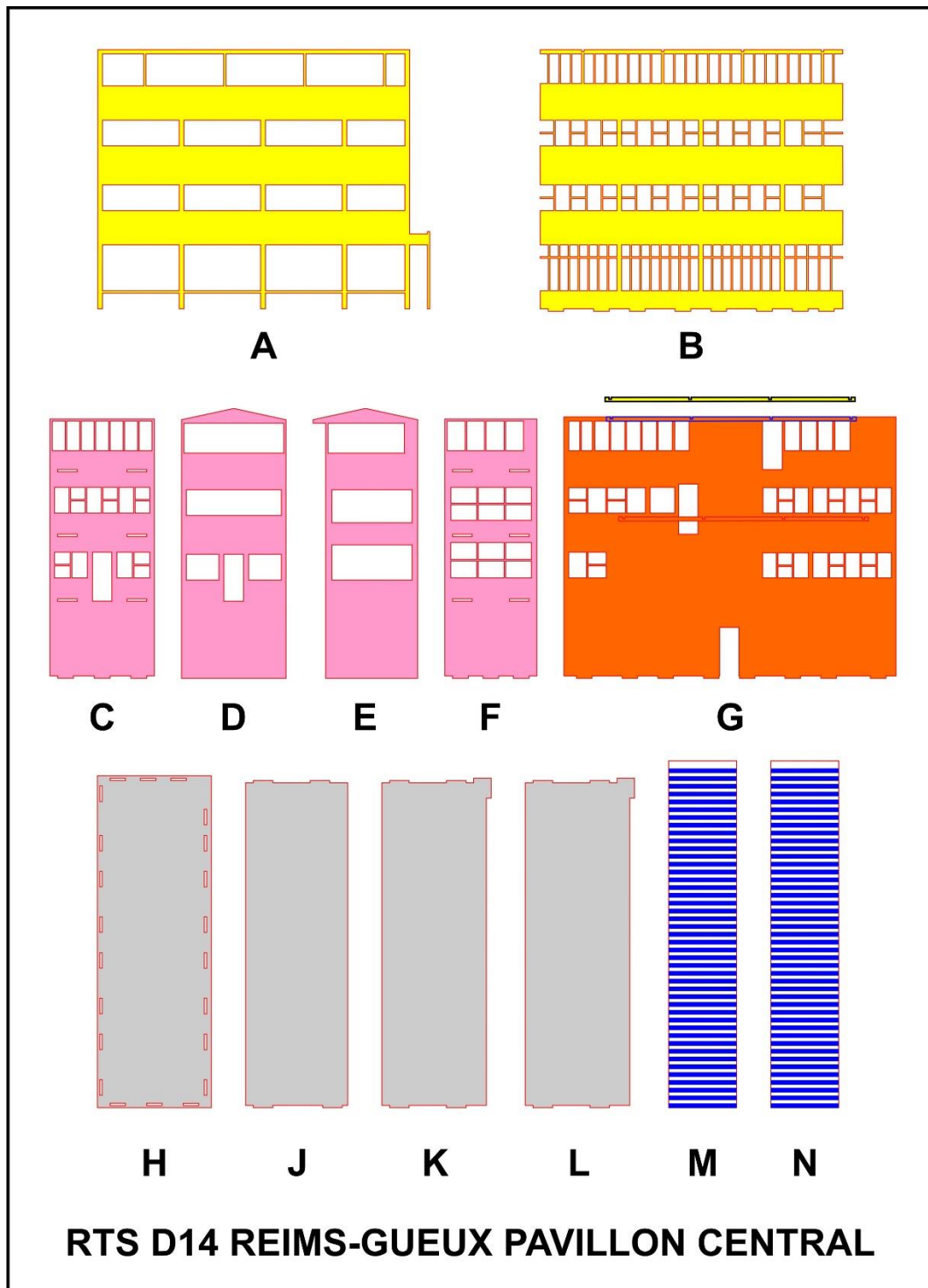
FAMILIARIZE YOURSELF

Have a look at a photo of the finished product. There may be small deviations to the kit due to continuous upgrading of the kit.



MAIN STRUCTURE

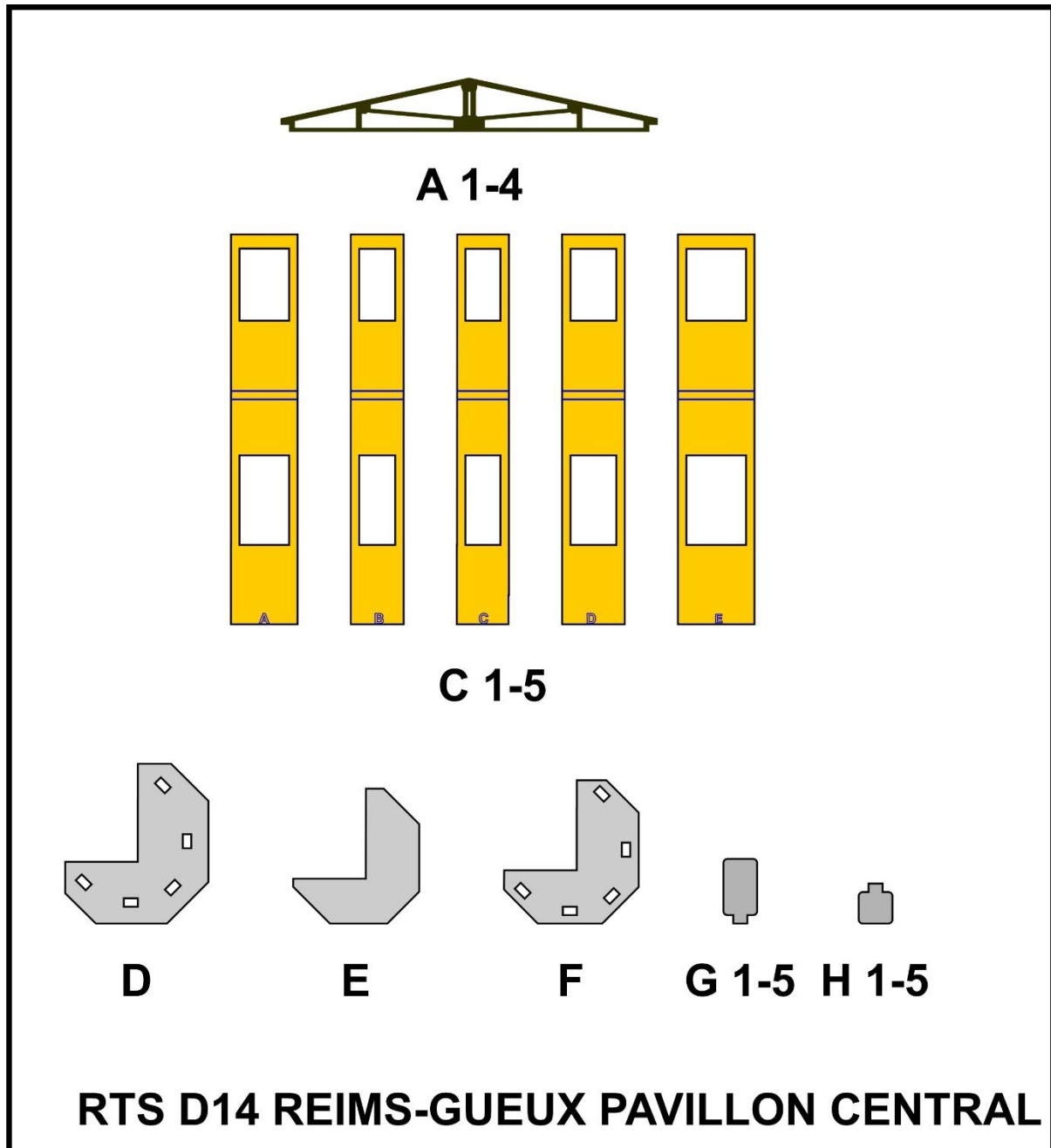
Now have a look at the diagram below where all the laser cut parts for the main structure are shown and numbered from **A** to **N**. Next, we will identify which is which and where they fit in.



The front wall has an outer skin (A) and an inner skin (B). The rear wall is (G) and there is a rafter support beam that must fit where the engraving shows its position right at the top. The left-side wall is made up of the inner skin (C) and the outer skin (D). The right-side wall is made up of the inner skin (F) and the outer skin (E). The different floors are: foundation (H), first (J), second (K) and top (L). There are two roof sections (M) and (N).

THE TURRET AND GENERAL FINISHES

Now have a look at the diagram below where all the laser cut parts for the turret are shown, as well as some general finishes pieces. We will identify which is which and where they fit in.



There are four roof trusses (**A 1-5**) and then the five walls of the turret (**C 1-5**). The turret has a floor (**F**), a middle floor (**E**) and a roof (**D**). The walls are fixed against five stubs at the bottom (**G 1-5**) and five stubs at the top (**H 1-5**).

LET'S GET STARTED WITH THE ASSEMBLY

MAIN STRUCTURE

The first step in the assembly will be to glue the skins of the three double skin walls together. You will notice that the inner skins have nubs that will fit into the slots in the foundation floor (**H**). You must therefore line up the skins in such a way that the nubs protrude from the bottom of the assembly. Glue (**A**) to (**B**), (**C**) to (**D**) and (**F**) to (**E**). The two side walls will fit between the front and rear walls. Next you can glue the roof rafter (**G**) to the top inside of the rear wall (**G**) where the engraving will show you the position. The position is rather important to fix the rafters later.

Next you must lay the sub-assembled side wall (**C** and **D**) on your workbench and proceed to glue the nubs of the first floor (**J**), second floor (**K**) and top floor (**L**) into the slots in the inner skin of the side wall. From the photos you will see that the turret is in front on the right side and therefore the protruding part of the floors should also be front right. All that is needed for a proper sturdy assembly is some glue where any two parts touch each other. The nubs that fit into the slots stop any movement, but the glue holds all the parts together. The parts must therefore have glue where they touch each other (only a little bit of glue is required). Apply some gentle pressure on the floors to ensure a snug fit with the wall. Make sure that the floors are square to the side wall before the glue sets. Once the glue has set, you can glue the nubs on the other ends of the floors into the slots of the sub-assembled side wall (**E** and **F**). Again, apply some gentle pressure and ensure that all is square.

Next the sub-assembly of side walls and floors can be fixed to the foundation floor (**H**). The nubs of the two side walls must be glued into the slots of the floor. Make sure that the orientation of the floor is correct.

Now you can proceed to glue the assembled front wall (**A** and **B**) and the rear wall (**G**) into the slots of the foundation floor. You may decide not to glue in the rear wall at this stage to allow access to fit lights and add furniture at a later stage.

We will get back to the two roof sections (**M**) and (**N**).

THE TURRET AND GENERAL FINISHES

Firstly, you can glue the four roof trusses (**A 1-5**) into the slots at the top of the front and rear walls.

Next, you can do a complete sub-assembly of the turret. Start by gluing the longer stubs (**G 1-5**) into the slots of the floor (**F**). **NOTE:** The floor (**F**) is smaller than the roof (**D**) that looks very similar. Then the shorter stubs (**H 1-5**) can be glued into the slots in the turret roof (**D**) from the **UNDERSIDE**. The five walls of the turret (**C 1-5**) can now be glued onto the stubs at the bottom and the top. **NOTE:** The engraving must face inwards, and the walls are numbered with engraving from A to E. The position of the walls from left to right is in this alphabetical order. This is important as the walls are of different width. The middle floor of the turret (**E**) can now be glued into position. The engraved lines on the inside of the walls will assist with the correct

positioning. This completes the sub-assembly of the turret and the turret can now be glued onto the main structure. The two floors and roof of the turret should line up with the upper three floors of the main structure. This is where the glue can be applied in order to glue the turret to the main structure.

Lastly, we can glue the two roof sections (M) and (N) to the top of the five roof trusses (A 1-5) and the walls, with the engraving facing upwards.

You have successfully completed the assembly.

FINISHING & BRANDING

We leave the finishing to your imagination and your taste. Do whatever you think will transform this completed building as an integral part of your race track diorama.

The following artwork is supplied as part of the kit to brand the building like it was branded in its glorious lifetime.



CONCLUSION

We sincerely hope you have enjoyed this assembly and finishing. Please remember to give us some feedback and either send or post some pictures of this product on your track.