

**FREE  
INFORMATION**

# PAINTING INSTRUCTION



# PAINTING WITH MAGIC COLOUR 2



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LRP Magic Colour 2 are aerosol colours especially developed for painting clear polycarbonate model cars bodyshells. As polycarbonate is very flexible, the colour has to be able to flex with the body to withstand crashes and deformations. A further special feature of Magic Colour 2 is that they do not etch polycarbonate, in comparison to many other colours, which can result in cracks or in a brittle bodyshell. The new spray head guarantees a very fine atomised spray for a consistent covering coat. Magic Colour 2 has been especially developed for serious racers. Without any restrictions in look and result a bodyshell painted with Magic Colour 2 weighs about 10g less than a bodyshell painted with conventional paint. Another feature is that all Magic Colour 2 colours are fuel resistant for the use with nitro cars.

Additional to that there's another very important attribute: The look! To meet everybody's taste, we are offering more than 30 different colours. Standard, metallic and fluorescent colours. For a unique and outstanding look we even offer our special line of Ice Colours and the new Vario paints. Each colour is very easy to handle.

For best results you should follow a few general rules for the usage of Magic Colour 2.

## Preparing the bodyshell:



To ensure best adhesion of the paint you should clean the bodyshell prior to the painting. You can use water and dish liquid to prepare the body. Do not ever use aggressive cleaners like spirit or acetone. Those would damage the bodyshell or leave residues that could allow perfect adhesion of the paint.

It's recommended to cut the bodyshell and to drill the mounting holes before the painting process. You should always paint at 20°C to 25°C environmental temperature.

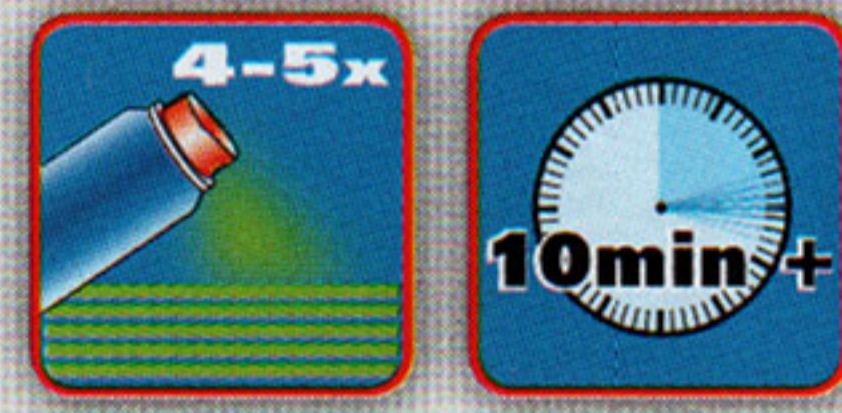
Attention: Lexan/polycarbonate bodyshells always have to be painted from the inside!

## Standard Colours:



We recommend to paint the body by applying 3 or more thin layers. The paint should be applied from a distance of about 30cm. After painting a layer, the bodyshell should have time to dry for at least 10 minutes. The big advantage is that the paint is now much more resistant against crashes and deformation. If you apply only one thick layer the paint is not that flexible and will not resist any deformation of the bodyshell. Long-lasting good shape and a longer body life will save time and money.

## Metallic Colours:



These colours contain metal flakes, to create the metallic effect. Because of this specific attribute, the colour has to be painted in 4-5 thin layers. To achieve best results, let the colour dry for at least 10-15mins after each layer.

## Fluorescent Colours:



The fluorescent paints are luminous colours that need to be backed with white (#28100) to ensure that they attain their maximum effect. Painting shall be conducted at a touring car body the following way:

Do not paint the body in one flow. Just divide the body into several sectors (e.g. front, back, roof and sides) and paint them consecutively by applying 3-4 thin layers. Paint the single layers 90° cross-over to obtain a consistent colouration and to avoid stains and striation.

## Ice Colours:



Ice colours are special dyed clear paints which have to be backed with Ice colour silver (#28405) to get a covered surface.

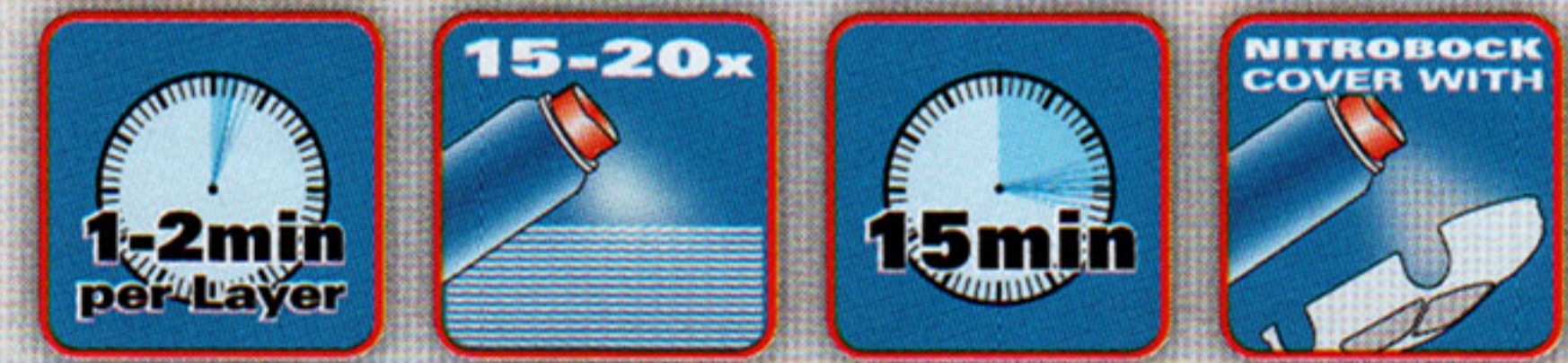
Ice colour paints need 4 layers for their maximum effect. You should paint these colours similar to the fluorescent ones. Divide the body into several sectors (e.g. front, back, roof and sides) and paint them consecutively by applying 3-4 thin layers. Paint the single layers 90° cross-over. The second layer has to be painted thicker than the first one, so the paint develops its wetlook. After that you should let the paint dry thoroughly. Repeat this step two more times. Always ensure that there is no dirt or dust in the body shell, because this would be visible and will downgrade the result.

## Pearl White:



This is not a covering white. Pearl White is a special effect paint containing reflecting flakes in a clear coat. Pearl White gives your standard colours a very deep shine. Pearl White always has to be painted first. After applying 1-2 layers of Pearl White you can back it with every other colour. You will get a glossy effect in combination with dark colours like black or dark blue. Combining pearl white with bright colours like yellow will brighten the primary colour. Best results can be achieved in combination with white.

## Real Chrome Colour:



LRP Magic Colour 2 „Real Chrome“ is a modern high-tech colour that has to be handled in a specific way. It must be painted in 15-20 extrem thin layers with a drying time of 1-2 minutes after each layer. Attention: Each point of the body shell should only be painted once per layer. It is normal, that chrome colour does not cover 100% against light, even if you paint 20 layers. Because this colour is not permanent without being sealed you need to back it with Nitro Block (# 28602) after 15 minutes of drying. This will weaken the chrome effect a little bit. Without this backing, the chrome effect will be completely achieved, but you can only use the body for show purposes.

## Vario Colours:



Vario colours contains micro particles in a clear paint, creating this nice flip-flop effect. You have to paint 3-4 layers, applied 90° cross-over and with enough time (min. 10mins) to dry between the layers.

Attention: You should paint the body systematically because the paint is clear so you can not see which area has already been painted.

Due to the transparence, you have to back vario colours. For this you can choose out of the whole Magic Colour 2 range. Every colour creates another effect, whilst dark colours are providing the best effects. The maximum effect is achieved by using black (#28113). With black or other dark colours you will get the typical colour changing effect, depending on the angle of the light. If you use a similar colour (green with vario paint saphir or yellow with vario paint jade) you will get some kind of metallic effect, with the backed colour being more intense. All effects are looking best under direct sunlight.

- 28602 Special Paint Nitro Block
- 28601 Special Paint Smoke Grey
- 28600 Special Paint Pearl White
- 28516 Vario Paint Sapphire
- 28515 Vario Paint Jade
- 28500 Real Chrome
- 28111 Normal Light Blue
- 28301 Luminous Paint Luminous Blue
- 28212 Metallic Paint Imprezza Blue
- 28114 Normal Sky Blue
- 28101 Normal Royal Blue
- 28401 Ice Colour Dark Blue
- 28411 Ice Colour Light Blue
- 28201 Metallic Paint Blue
- 28407 Ice Colour Purple
- 28113 Normal Black
- 28210 Metallic Paint Graphite
- 28206 Metallic Paint Green
- 28306 Luminous Paint Luminous Green
- 28408 Ice Colour Magenta
- 28403 Ice Colour Red
- 28103 Normal Red
- 28304 Luminous Paint Luminous Orange
- 28104 Normal Orange
- 28402 Ice Colour Inca Yellow
- 28102 Normal Yellow
- 28302 Luminous Paint Luminous Yellow
- 28205 Metallic Paint Silver
- 28405 Ice Colour Silver
- 28100 Normal White



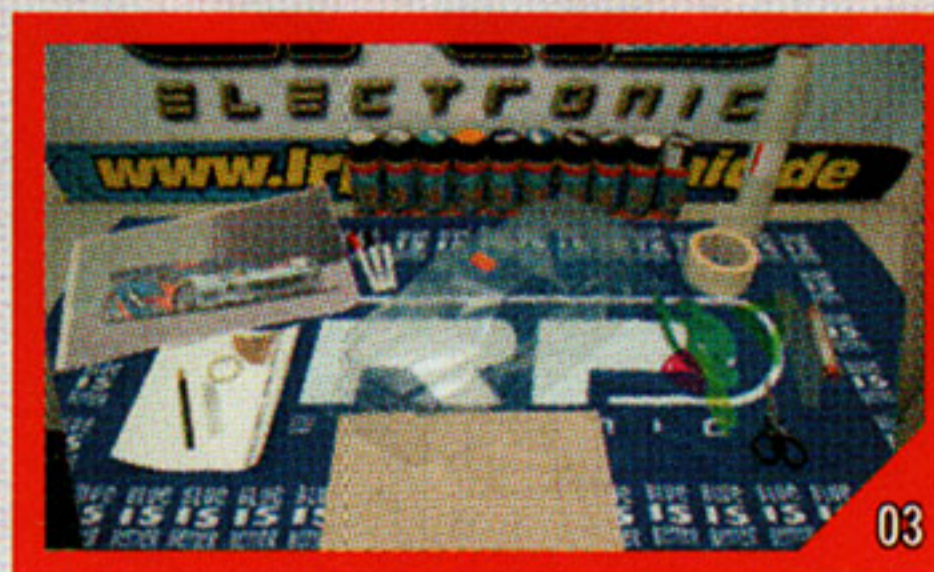
## ... GREAT RESULTS EVEN WITHOUT A LOT OF AIRBUSH EQUIPMENT!



01 This design would really match Sasha's Monstertruck! You can find this nice body design at [www.lrp-electronic.de](http://www.lrp-electronic.de). Such a project without any airbrush experience? Use Magic Colours 2!



02 The favoured design first has to be printed as a sample.



03 Some materials are required. In addition to the standard tools it is recommended to use a template for the curves.



04 First, cut the bodyshell carefully with using lexan scissors. The bend helps you cutting the fenders. Keep the cut out pieces. They can be very useful later on!



05 Now smooth the cut edges with sand paper (e.g. 150). Be careful not to loosen the protection film!



06 Clean the bodyshell with water and dish washing liquid and let it dry - best overnight. Don't blow-dry it, because that would bring up dust to the body shell again!



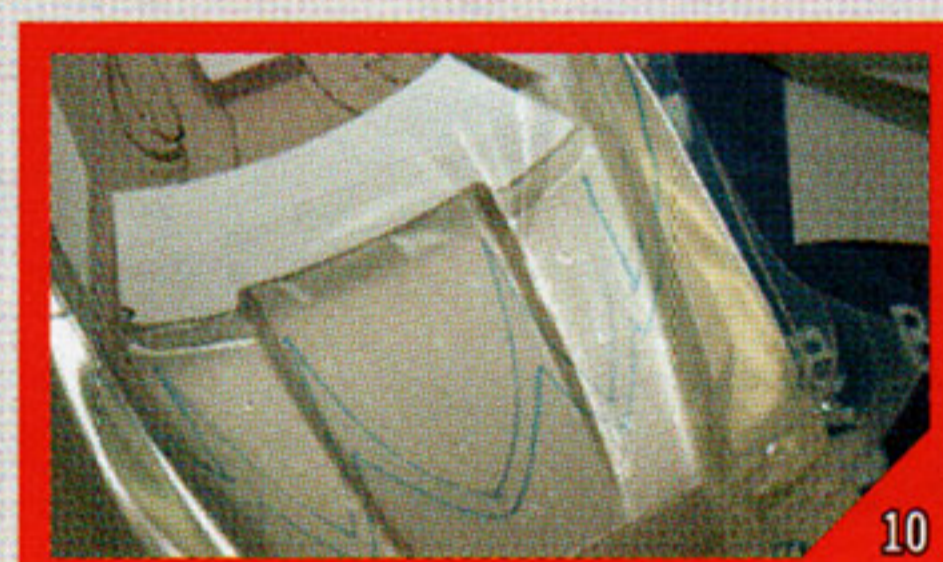
07 Fortunately most of today's bodyshells come with already cut window masks. Pay attention not to leave finger prints on the areas to be painted.



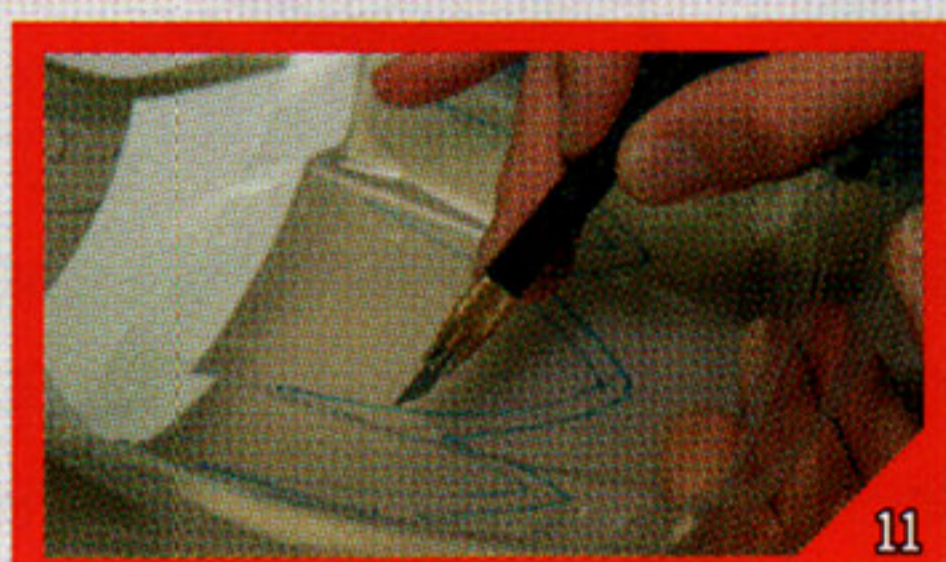
08 Draw the design on the outside of the bodyshell. You can use your already created templates here.



09 Now apply the masking film on the inside, best to use one single part of mask under each area.



10 Pay attention that the crossing areas of the masks are properly sealed. Of course, do not mask the part of the bodyshell that will be painted first.



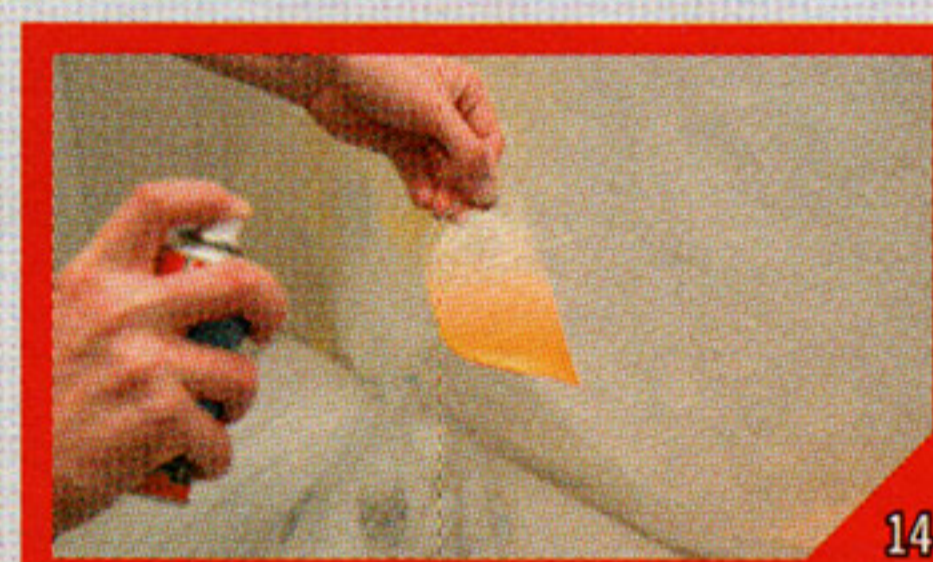
11 Cut the masks very carefully along the lines. Do not damage the bodyshell! You can try with the left-over cuts from the fenders before.



12 After reading the manual it comes clear: Now it is time for some practice ...



13 ... shake, shake, shake, shake, shake...



14 For the first time test the paint with the left-over cuts. (The "painting box" was covered with plastic film from a DIY store)



15 The combination of different colours creates awesome effects. White combined with fluorescent orange, Ice Colour dark blue with bright blue, black and silver, Real Chrome and Nitro Block.



16 No. 28401 Ice Colour Dark Blue  
Now is the moment of truth: The first colour will be applied. Spray several thin layers and let each layer dry for at least 10mins.



17 Sasha is just dreaming of a LRP Z.28R Spec.3 for his Monstertruck while waiting for the next painting step.



18 No. 28113 Black  
The dark blue edges will become an intensive deep colour when backed with black.



19 No. 28111 Light Blue  
By backing Ice colour dark blue with bright blue, you see a full, shiny blue.



20 Be patient! It is worth waiting!



21 Place highlights! The area in the middle will be highlighted by painting with Ice Colour silver.



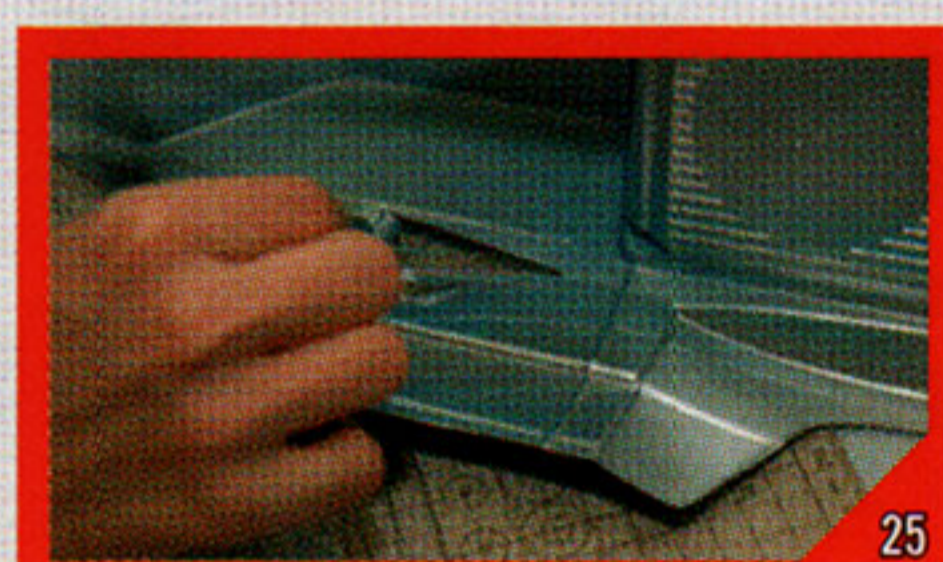
22 It is very important to paint your bodyshell in a good vented room at 20°C to 25°C environmental temperature.



23 While the colour is still wet, carefully remove the masks for the chrome area.



24 No. 28500 Real Chrome  
No. 28602 Nitro Block  
The Chrome colour has to be painted in multiple thin layers and then backed with nitro block.



25 Now remove the next part of the masks.



26 Here some colour ran under the masks. Sasha removes it carefully with a knife.



27 No. 28100 White  
Fluorescent orange is only painted in the front area.



28 Back fluorescent orange with white and paint the free areas of the bodyshell.



29 It is done! Your custom design is finished!



30 Remove the window masks and paint the windows with smoke grey for the most realistic look.



31 No. 28601 Smoke Grey  
Paint several layers, until the desired grade of tint is reached.



32 After the last layer has dried, you can remove the protective film from the outside.



33 A real airbrush design with Magic Colour 2!



34 This great shiny result is a real eyecatcher!



35 Apply the included stickers for a perfect finish.



36 Due to the marks on most bodyshells it is no problem to drill correct mounting holes. The easiest way is to drill the holes with the LRP Body Reamer (#65701).



37 Almost too beautiful for the offroad-track! It was really worth the work - A guaranteed unique, gorgeous looking Monstertruck!



**LRP BODYREAMER**  
Order No.: 65701

LRP Body Reamer  
Laser-manufactured and ground precision tool for drilling holes of any size in the bodyshell.

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