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AK Interactive AK-RC818

AK Interactive AK Real Colors RC818 Pure Blue RAL 5005 (17ml) Instruction Manual

1. INTRODUCTION

This manual provides instructions for the proper use and maintenance of AK Interactive AK Real Colors RC818 Pure Blue RAL 5005 lacquer-based paint. AK Real Colors are formulated for scale modeling, offering excellent coverage and a smooth finish. This product is a 17ml bottle of Pure Blue RAL 5005.



Image 1: AK Interactive AK Real Colors RC818 Pure Blue RAL 5005 paint swatch, displaying the color and product branding.

2. SETUP AND PREPARATION

2.1 Surface Preparation

Ensure the model surface is clean, dry, and free of dust, grease, or mold lines. A primer is recommended for optimal adhesion and color vibrancy, especially on bare plastic or resin.

2.2 Paint Preparation

Before each use, shake the paint bottle thoroughly for at least one minute to ensure pigments are evenly mixed. The paint should be consistently mixed to achieve uniform color and performance.

2.3 Thinning (for Airbrush Application)

AK Real Colors are designed for airbrush application and typically require thinning. Use AK Interactive's specific lacquer thinner or a high-quality lacquer thinner. A common starting ratio is 1 part paint to 1-2 parts thinner, but this can vary based on airbrush nozzle size, desired coverage, and air pressure. Test on a scrap piece before applying to your model.

3. OPERATING AND APPLICATION

3.1 Airbrush Application

1. **Air Pressure:** Maintain an air pressure between 15-25 PSI (1.0-1.7 bar), adjusting as needed for desired flow and atomization.
2. **Distance:** Hold the airbrush approximately 5-10 cm (2-4 inches) from the surface.
3. **Coats:** Apply paint in thin, even coats. Allow each coat to dry to the touch before applying the next. Multiple thin coats will provide a smoother finish and better control than one thick coat.
4. **Drying Time:** Lacquer paints dry quickly. They are typically touch-dry within minutes and fully cured within a few hours, depending on humidity and temperature.

3.2 Brush Application

While primarily designed for airbrush, AK Real Colors can be brush-painted for small details. Thin the paint slightly with lacquer thinner to improve flow and reduce brush marks. Apply in thin layers, allowing each layer to dry completely.

4. MAINTENANCE

4.1 Airbrush Cleaning

Clean your airbrush immediately after use with a dedicated lacquer cleaner or general-purpose airbrush cleaner suitable for lacquers. Disassemble and clean thoroughly to prevent paint from drying inside the airbrush, which can cause clogging and damage.

4.2 Brush Cleaning

Clean brushes immediately after use with lacquer thinner or a suitable brush cleaner. Rinse thoroughly and reshape the bristles before storing.

4.3 Storage

Store paint bottles upright in a cool, dark place away from direct sunlight and extreme temperatures. Ensure the cap is tightly sealed to prevent evaporation and drying of the paint.

5. TROUBLESHOOTING

5.1 Airbrush Clogging

- **Cause:** Insufficient thinning, dried paint in the nozzle, or too low air pressure.
- **Solution:** Increase thinning ratio, thoroughly clean the airbrush, or increase air pressure.

5.2 Poor Coverage or Uneven Finish

- **Cause:** Paint too thin, too thick, or applied from too far away.
- **Solution:** Adjust thinning ratio, apply closer to the surface, or apply more thin coats.

5.3 Rough or Grainy Finish

- **Cause:** Paint drying in the air before reaching the surface (overspray), or paint applied too dry.
- **Solution:** Reduce air pressure, apply closer to the surface, or slightly increase thinning.

6. SPECIFICATIONS

- **Product Name:** AK Real Colors Pure Blue RAL 5005
- **Model Number:** AK-RC818
- **Volume:** 17 Milliliters
- **Paint Type:** Lacquer-based
- **Usage:** Indoor, Outdoor (for models)
- **Color Code:** RAL 5005

EQUIVALENCES

<u>BS / FS / RAL</u> RAL 5005	<u>Mr. Hobby (GSI)</u> -	<u>Tamiya</u> -
<u>Vallejo</u> 70.930	<u>Hataka</u> HTK-_102	<u>MRP</u> -
<u>Model Master</u> -	<u>Lifecolor</u> -	<u>Previous Real Colors ref.</u> RC010



RC818
PURE BLUE RAL 5005

Image 2: AK Interactive AK Real Colors RC818 Pure Blue RAL 5005 equivalences chart, showing cross-references to other paint brands and the previous Real Colors reference (RC010).

7. SAFETY INFORMATION

Always work in a well-ventilated area. Avoid prolonged skin contact and wear appropriate protective gloves. Use eye protection to prevent accidental splashes. Do not ingest. Keep out of reach of children and pets. This product is flammable; keep away from heat, sparks, and open flames. Refer to the product's Safety Data Sheet (SDS) for detailed safety information.

8. WARRANTY AND SUPPORT

For information regarding product warranty, technical support, or further inquiries, please visit the official AK Interactive website or contact their customer service department. Keep your purchase receipt as proof of purchase.

