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› Ronan Aquacote Bulletin Enamel User Manual

Ronan WB155

Ronan Aquacote Bulletin Enamel User Manual

Model: WB155 Reflex Blue

1. INTRODUCTION

This manual provides comprehensive instructions for the proper use, application, and maintenance of Ronan Aquacote Bulletin Enamel, Reflex Blue (WB155). Aquacote is a high-gloss, water-based acrylic enamel designed for graphic arts applications, offering a durable, flexible, and weather-resistant finish. Please read this manual thoroughly before use to ensure optimal results and safety.



Image 1.1: A 1/2 pint can of Ronan Aquacote Bulletin Enamel in Reflex Blue. The label prominently displays the brand name 'RONAN' and 'AQUACOTE BULLETIN ENAMEL', along with 'Water Based-Lead Free' and 'WB155 REFLEX BLUE'.

2. SAFETY INFORMATION

While Aquacote is a water-based, lead-free, and VOC-compliant product, it is essential to follow general safety precautions during handling and application:

- Ensure adequate ventilation in the work area.
- Avoid prolonged skin contact. Wash hands thoroughly after use.
- Keep out of reach of children and pets.
- Do not ingest. If swallowed, seek immediate medical attention.
- Store in a cool, dry place, away from direct sunlight and freezing temperatures.

3. SETUP AND SURFACE PREPARATION

Proper surface preparation is crucial for optimal adhesion and finish quality.

1. **Clean the Surface:** Ensure the surface is clean, dry, and free from dust, grease, oil, wax, and loose particles. Use a suitable cleaner if necessary, and rinse thoroughly.
2. **Smooth the Surface:** For best results, sand glossy surfaces lightly to create a profile for adhesion. Remove all sanding dust.
3. **Priming:**
 - For metal surfaces (steel, galvanized metal, aluminum), prime with Ronan Prime Lock to ensure proper adhesion and corrosion resistance.
 - For wood, concrete, and vinyl, priming may not be necessary if the surface is sound and clean, but a suitable primer can enhance durability.
4. **Stirring:** Before use, stir the Aquacote thoroughly but gently to ensure uniform consistency and color. Do not shake vigorously, as this can introduce air bubbles.

4. OPERATING (APPLICATION)

Aquacote can be applied by brush, roller, or spray. Follow these guidelines for best results:

- **Application Temperature:** Apply in temperatures between 50°F (10°C) and 90°F (32°C). Avoid application in direct sunlight or on hot surfaces.
- **Thinning:** Aquacote is formulated for direct use. If thinning is required for spray application, use only clean water sparingly (typically no more than 5%).
- **Coats:** Apply in thin, even coats. Two thin coats are generally better than one thick coat for durability and appearance.
- **Drying Time:**
 - Touch dry: Approximately 30-60 minutes.
 - Recoat time: 1-2 hours, depending on humidity and temperature.
 - Full cure: 24-48 hours. Allow adequate time before exposing to heavy use or harsh weather.
- **Coverage:** A 1/2 pint (8oz) can typically covers approximately 25-30 square feet, depending on surface porosity and application method.

5. MAINTENANCE AND STORAGE

Proper care ensures the longevity of your painted surfaces and the remaining product.

- **Cleanup:** Clean tools and equipment immediately after use with warm water and soap. Dried paint may require a stronger cleaner.
- **Storage:** Store the can tightly sealed in its original container in a cool, dry, and well-ventilated area. Protect from freezing. Do not store in direct sunlight.
- **Surface Care:** Once fully cured, painted surfaces can be cleaned with mild soap and water. Avoid abrasive cleaners or harsh chemicals.

6. TROUBLESHOOTING

Common issues and their potential solutions:

- **Poor Adhesion:** Ensure surface was properly cleaned, dry, and primed (especially metal surfaces). Avoid applying over incompatible coatings.
- **Uneven Finish/Brush Marks:** Ensure paint is thoroughly stirred. Apply thin, even coats. Use a high-quality brush or roller suitable for water-based enamels. Avoid overworking the paint.
- **Slow Drying:** Ensure adequate ventilation. Avoid applying in high humidity or low temperatures. Apply thinner coats.
- **Bubbling/Foaming:** Avoid vigorous shaking of the can. Stir gently. Apply thinner coats.
- **Color Variation:** Ensure paint is thoroughly stirred before and during use. Apply consistent film thickness.

7. SPECIFICATIONS

Attribute	Detail
Brand	Ronan
Product Name	Aquacote Bulletin Enamel
Model Number	WB155
Color	Reflex Blue
Finish Type	High-Gloss
Item Volume	8 Fluid Ounces (1/2 Pint)
Paint Type	Water-based Acrylic Specialty Enamel
Special Feature	Weather Resistant, Lead Free, Fast Drying, VOC Compliant
Surface Recommendation	Wood, Steel, Concrete, Galvanized Metal, Aluminum, Vinyl
Manufacturer	RONAN PAINTS
Package Information	Can
Item Weight	1 pounds

8. WARRANTY AND SUPPORT

For specific warranty information or technical support regarding your Ronan Aquacote Bulletin Enamel, please refer to the product packaging or contact Ronan Specialty Paints directly through their official website or customer service channels. Keep your purchase receipt as proof of purchase.