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TAMIYA TAM81358

TAMIYA Acrylic XF58 Flat Olive Green Paint Instruction Manual

Model: TAM81358

1. PRODUCT OVERVIEW

The TAMIYA Acrylic XF58 Flat Olive Green paint (Model TAM81358) is a water-soluble acrylic resin paint designed for hobby and model applications. It provides a matte finish and is suitable for use on plastics. This paint can be applied using either a brush or an airbrush.



Image 1.1: TAMIYA Acrylic XF58 Flat Olive Green paint bottle. This image shows the typical packaging of the paint, a small glass bottle with a screw-on cap, indicating the color and product code.

2. SAFETY INFORMATION

Always read and follow the safety instructions provided on the paint bottle label. This product is intended for users aged 14 and up. Use in a well-ventilated area. Avoid contact with skin and eyes. In case of contact, rinse immediately with plenty of water. Do not ingest. Keep out of reach of children and pets. Dispose of paint and cleaning materials according to local regulations.

3. SETUP AND PREPARATION

3.1 Surface Preparation

Ensure the surface to be painted is clean, dry, and free from dust, grease, or mold release agents. For best adhesion, lightly sand smooth plastic surfaces with fine-grit sandpaper (e.g., 600-800 grit) and then clean thoroughly. Priming the surface is recommended for optimal results, especially on bare plastic.

3.2 Paint Preparation

Before use, shake the paint bottle thoroughly to ensure the pigments are evenly mixed. If the paint appears too thick for your application method, it can be thinned. For airbrushing, thinning is generally required.

- **Thinning for Airbrushing:** Use TAMIYA X-20A Acrylic Thinner. The recommended thinning ratio can vary, but a common starting point is 1 part paint to 1-2 parts thinner. Adjust as needed to achieve a milk-like consistency for smooth flow through the airbrush.
- **Thinning for Brush Painting:** For brush painting, thinning is often not necessary unless a very thin coat or wash is desired. If thinning, use TAMIYA X-20A Acrylic Thinner sparingly.

4. OPERATING (APPLICATION)

4.1 Brush Painting

1. Dip a clean brush into the paint, ensuring not to overload it.
2. Apply the paint in thin, even coats. Multiple thin coats are preferable to one thick coat, as this reduces brush marks and improves drying.
3. Allow each coat to dry to the touch before applying the next.

4.2 Airbrushing

1. Ensure the paint is properly thinned to the correct consistency for your airbrush.
2. Set your airbrush pressure according to manufacturer recommendations, typically between 15-25 PSI for acrylics.
3. Apply paint in light, even passes, maintaining a consistent distance from the surface.
4. Avoid applying too much paint in one pass to prevent pooling or runs.
5. Allow each coat to flash dry (become tacky) before applying subsequent coats.

4.3 Drying Time

Drying time can vary depending on humidity, temperature, paint thickness, and ventilation. Generally, TAMIYA acrylic paints are touch-dry within 10-20 minutes. For full cure and recoating, allow at least 1 hour between coats. For handling and masking, allow several hours or overnight for complete drying.

5. MAINTENANCE

5.1 Cleaning Tools

Clean brushes and airbrushes immediately after use with TAMIYA X-20A Acrylic Thinner or water. For stubborn dried paint, specialized acrylic cleaner may be necessary. Ensure all paint residue is removed to prevent clogging and damage to tools.

5.2 Paint Storage

Store the paint bottle in a cool, dry place away from direct sunlight and extreme temperatures. Ensure the cap is tightly sealed to prevent the paint from drying out. If the paint has thickened over time, it may be revitalized with a small amount of TAMIYA X-20A Acrylic Thinner.

6. TROUBLESHOOTING

- **Poor Coverage:** Ensure the paint is well-mixed. Apply additional thin coats. Consider using a primer.
- **Uneven Finish/Brush Marks:** Apply thinner coats. Ensure proper thinning for airbrushing. Use a high-quality brush.
- **Paint Drying Too Fast (Airbrushing):** Increase thinning ratio slightly. Reduce air pressure. Work in a less arid environment.
- **Paint Clogging Airbrush:** Ensure paint is adequately thinned and thoroughly mixed. Clean airbrush components regularly.
- **Paint Peeling/Poor Adhesion:** Ensure the surface was properly cleaned and prepared (e.g., sanded, primed).

7. SPECIFICATIONS

Feature	Detail
Brand	TAMIYA
Model Name	TAM81358
Color	Flat Olive Green
Finish Type	Matte
Item Volume	23 Milliliters
Paint Type	Acrylic
Surface Recommendation	Plastics
Indoor/Outdoor Usage	Indoor
Item Form	Liquid
Special Feature	Color Changing (Note: This feature may refer to subtle shifts under different lighting or application, not a dramatic color change.)

8. WARRANTY AND SUPPORT

Specific warranty information for TAMIYA Acrylic XF58 Flat Olive Green paint is not provided in this manual. For details regarding product warranty, returns, or technical support, please refer to the official TAMIYA website or contact your retailer. Keep your purchase receipt as proof of purchase.