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› Tuff Coat UT-217 Submersible Rubberized Non-Skid Coating Instruction Manual

Tuff Coat UT-217

Tuff Coat UT-217 Submersible Rubberized Non-Skid Coating

INSTRUCTION MANUAL

Model: UT-217 | Brand: Tuff Coat

1. INTRODUCTION

The Tuff Coat UT-217 is a single-component, flexible, water-based non-skid coating designed for durability and safety. This product utilizes a unique blend of cross-linking urethanes, acrylics, co-polymers, and recycled rubber granules to create a long-lasting, non-slip finish. It is suitable for both submerged and non-submerged applications.

This manual provides essential information for the proper preparation, application, and maintenance of Tuff Coat UT-217 to ensure optimal performance and longevity.



Image 1.1: Tuff Coat UT-217 Tan 5 Gallon pail, illustrating the product packaging.

2. SAFETY INFORMATION

Always prioritize safety during product handling and application. Review the following guidelines:

- **Ventilation:** Ensure adequate ventilation in the work area to prevent vapor accumulation.
- **Personal Protective Equipment (PPE):** Wear appropriate PPE, including safety glasses, chemical-resistant gloves, and protective clothing, to prevent skin and eye contact.

- **Ingestion:** Do not ingest the product. In case of accidental ingestion, seek immediate medical attention.
- **Skin Contact:** In case of skin contact, wash thoroughly with soap and water.
- **Eye Contact:** In case of eye contact, flush immediately with plenty of water for at least 15 minutes and seek medical attention.
- **Children and Pets:** Keep the product out of reach of children and pets.
- **Disposal:** Dispose of unused product and empty containers according to local regulations.

3. PRODUCT OVERVIEW

3.1 Key Features

- Submersible and water-based formulation.
- Flexible matte finish with rubberized texture.
- Dries to a thickness of 30-35 mils.
- Hides surface imperfections and enhances existing non-skid finishes.
- Low odor for improved application environment.
- Impact-resistant and highly durable.

3.2 Intended Use

Tuff Coat UT-217 is designed for creating attractive, durable, and non-slip surfaces in various environments, including:

- Splash pads and wave pools.
- Spray parks.
- Restroom floors.
- Deck surfaces.
- Other areas requiring slip resistance, whether in or out of water.

A young child with blonde hair, wearing heart-shaped sunglasses and a pink floral swimsuit, is running through a shallow pool of water, creating a large splash. The background shows a blue pool and a black metal fence. In the foreground, a black bucket of Tuffcoat rubberized non-skid coating is shown. The bucket has a silver handle and a label that reads "TUFFCOAT RUBBERIZED NON-SKID COATINGS", "SUBMERSIBLE", "EXCELLENT FOR CONCRETE, FIBERGLASS, WOOD & METAL SUBSTRATES", "WATER-BASED, DURABLE, FLEXIBLE", "APPLY BY ROLLER OR SPRAY", "CHEMICAL & UV RESISTANT", "TAN", and "UT-217".

A DURABLE, WATER-BASED, RUBBERIZED COATING FOR NON-SLIP SURFACES.

TUFFCOAT
RUBBERIZED NON-SKID COATINGS

SUBMERSIBLE

EXCELLENT FOR CONCRETE, FIBERGLASS,
WOOD & METAL SUBSTRATES
WATER-BASED, DURABLE, FLEXIBLE
APPLY BY ROLLER OR SPRAY
CHEMICAL & UV RESISTANT

TAN
UT-217

Image 3.1: An example of a non-slip surface application in a water play area.

AVAILABLE IN SUBMERSIBLE & NON-SUBMERSIBLE



Image 3.2: Tuff Coat offers both submersible and non-submersible coatings. UT-217 is a submersible product.

AVAILABLE IN 11 COLORS



Image 3.3: Tuff Coat coatings are available in multiple colors. This manual pertains to the Tan (UT-217) variant.

4. PREPARATION AND SETUP

4.1 Surface Requirements

Tuff Coat UT-217 is suitable for application on a variety of substrates, including:

- Concrete
- Fiberglass
- Wood
- Metal substrates
- Previously painted surfaces

4.2 Surface Preparation

Proper surface preparation is critical for adhesion and performance. Surfaces must be clean, dry, and free of loose material, oil, grease, and other contaminants.

- **Cleaning:** Thoroughly clean the surface. For best results, pressure washing may be necessary. Allow the surface to dry completely.
- **Priming (Fiberglass, Concrete, Wood):** For these substrates, apply one coat of Tuff Coat UT-80 Adhesion Primer according to its instructions.
- **Priming (Metal):** For metal surfaces, apply one coat of Tuff Coat UT-95 Metal Primer according to its instructions.



Image 4.1: Application layers for fiberglass, concrete, and wood surfaces.

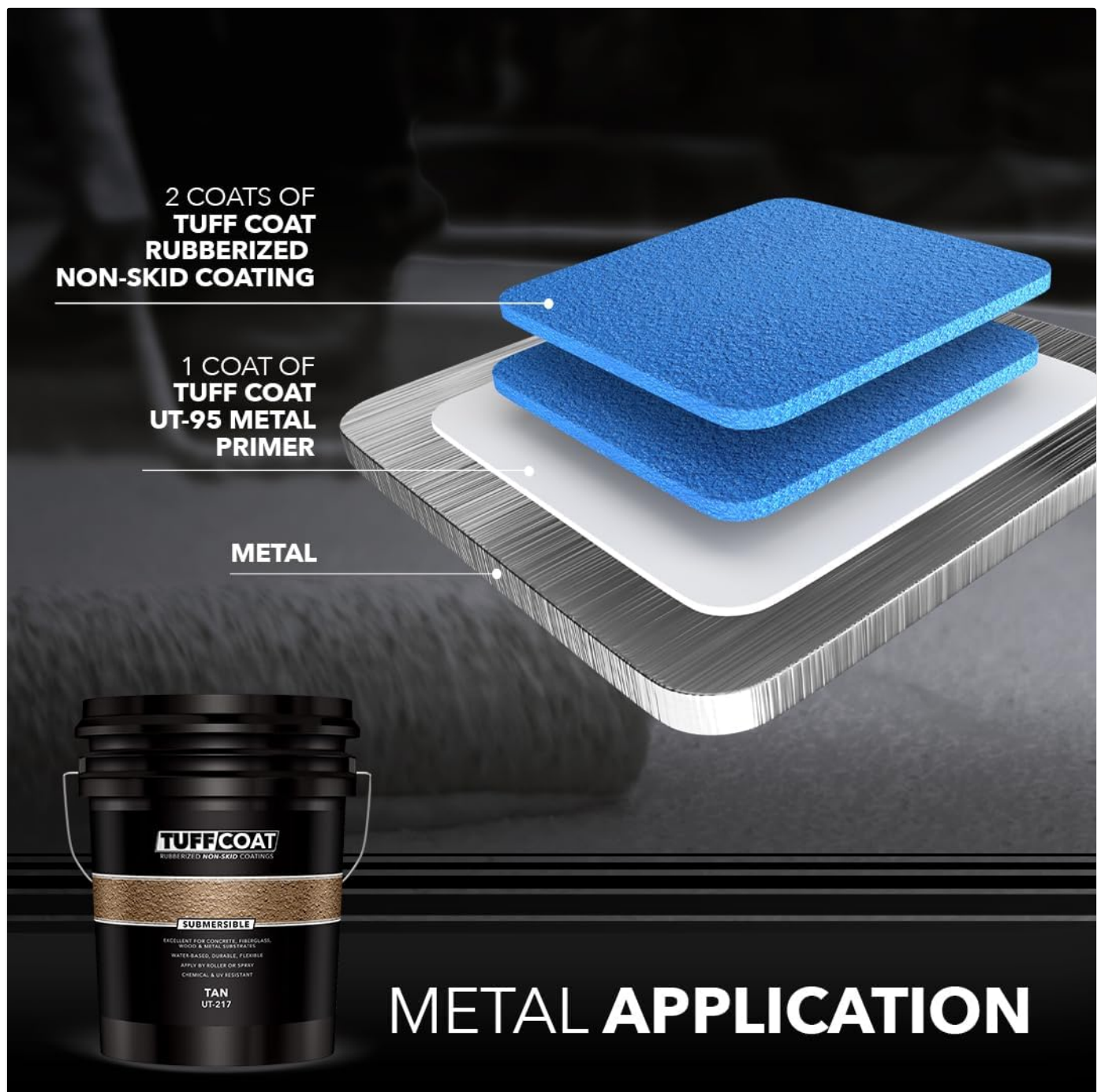


Image 4.2: Application layers for metal surfaces.

4.3 Product Preparation

- Before application, thoroughly stir the Tuff Coat UT-217 coating to ensure uniform consistency and distribution of rubber granules. Do not dilute.

5. APPLICATION INSTRUCTIONS

5.1 Application Methods

Tuff Coat UT-217 can be applied using a Tuff Coat roller or a low-pressure hopper spray gun.



Image 5.1: Tuff Coat can be applied using either a roller or a spray gun.

5.2 Coating Application

- Apply the coating evenly to the prepared surface.
- Typically, two coats are recommended for optimal coverage and durability.
- Allow sufficient drying time between coats as specified by the primer and coating instructions. The flexible matte finish dries to a thickness of 30-35 mils.
- Store rollers in an airtight bag between coats to prevent drying.



Image 5.2: A close-up of the finished textured surface of Tuff Coat UT-217 Tan.

6. MAINTENANCE

To maintain the appearance and performance of your Tuff Coat UT-217 surface:

- **Cleaning:** Regularly clean the surface with mild soap and water. Avoid harsh chemicals or abrasive cleaners that could damage the coating.
- **Inspection:** Periodically inspect the coated surface for any signs of wear or damage. Address minor issues promptly to prevent further deterioration.
- **Reapplication:** If significant wear occurs over time, the coating can be reapplied after proper surface preparation.

7. TROUBLESHOOTING

This section addresses common issues that may arise during or after application:

Issue	Possible Cause	Solution
Poor Adhesion	Improper surface preparation (e.g., dirty, oily, or unprimed surface).	Ensure surfaces are thoroughly cleaned, dry, and primed as per instructions before application.
Uneven Finish	Inconsistent application technique or insufficient stirring of the product.	Stir the product thoroughly before and during use. Apply evenly using recommended tools.
Slow Drying Time	High humidity, low temperature, or excessive film thickness.	Ensure adequate ventilation. Apply within recommended temperature and humidity ranges. Apply coats at the specified thickness.
Bubbling or Blistering	Application over a damp surface, trapped air, or rapid drying of the surface layer.	Ensure the surface is completely dry. Avoid applying in direct sunlight or on hot surfaces.

8. PRODUCT SPECIFICATIONS

Specification	Detail
Brand	Tuff Coat
Model Name	UT-217
Color	Tan
Finish Type	Matte
Size	640 Fl Oz (5 Gallon)
Unit Count	640.0 Fluid Ounces
Special Features	Submersible, Waterproof, Impact Resistant, Improves Existing Non-Skid Finishes
Specific Uses	Splash pads, wave pools, spray parks, restroom floors, deck surfaces, areas requiring slip resistance in or out of water
Surface Recommendation	Floors (Concrete, Fiberglass, Wood, Metal, Previously Painted)
Indoor/Outdoor Usage	Outdoor
Item Form	Liquid
Water Resistance Level	Waterproof
Material	Rubber
Manufacturer	MRT

Specification	Detail
UPC	725469031715

9. WARRANTY AND SUPPORT

For detailed warranty information, product support, or technical assistance, please contact the manufacturer, Tuff Coat, directly. Refer to the product packaging or the official Tuff Coat website for contact details.

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