



RUST BULLET® METAL JACKET™ APPLICATION GUIDELINES

Rust Bullet® Metal Jacket™ is a removable, translucent, rust inhibitive, stand-alone, protective coating that forms a durable, wax-like barrier that seals out moisture, salt, and chemicals, effectively preventing rust and oxidation. To ensure you achieve the best possible results, it is important that these Application Guidelines are read thoroughly before use. Please refer to the most current Application Guidelines available at www.RustBullet.com or by calling Rust Bullet Customer Support at 800-245-1600.

Surface Preparation

All surfaces to be treated with Rust Bullet Metal Jacket must be dry and clean, free of any dirt, debris or rust. Do not apply Rust Bullet Metal Jacket over rust or corrosion. Corrosion can and will continue to spread under the coating if not removed. If rust is present, it should be completely removed mechanically (e.g., wire brush, sandpaper) and/or with Rust Bullet® Metal Blast™ before applying the coating. Optional but recommended is to warm the metal parts in an oven set to a low temp (150-200°F) for 15-20 minutes. This drives off any hidden moisture and ensures the Metal Jacket will flow easily into every pore.

Warming and Stirring

Metal Jacket is best applied when warmed to room temperature or slightly higher (70°F to 90°F). If the product has solidified or thickened, it can be softened or warmed for easier application. The product will become more workable when heated but should not be overheated directly on a stove or open flame. It should carefully be heated in a double boiler or similar setup, stirring to a smooth consistency before application.

Application Methods

Rust Bullet Metal Jacket may be applied by brush, spray, or when appropriate, a dipping process. Apply by brush to coat the surface evenly. It is important to work the product into seams, crevices, and areas where corrosion might begin. If needed, a heat gun can be used on a low to medium setting to melt the brushed on Metal Jacket, allowing it to flow into the seams and corners. For larger items, Metal Jacket can be applied using an airless spray system. Follow the same guidelines for brushing to ensure the product is evenly coated over the entire surface, heating if necessary to help the product flow into seams and crevices. Before and after use, the spray equipment should be thoroughly flushed with Rust Bullet Solvent to prevent damage to the equipment. Smaller items can also effectively be coated using a dipping process, completely submerging the item for total coverage. Dipping should be done with caution, as excess buildup in some areas may lead to uneven coating or dripping. Using hooks or wire, slowly and carefully lower metal part into the heated Metal Jacket. Hold it submerged for a minute or two to allow the part to reach the same temperature as the Metal Jacket, ensuring no air bubbles are trapped. Slowly withdraw the part and hang the dipped part over the container to allow excess to drip off. If needed with any application method, a second coat may be applied to provide additional film thickness and protection once the initial coat has cooled and started to harden, approximately 30-60 minutes. After all coats are applied, allow the part(s) to cool completely at room temperature, forming a waxy barrier of protection. Product cure time is approximately 4-6 hours. Surface protection will last approximately 24 months depending on dry film thickness, substrate, exposure, handling, and proper maintenance. Do not apply topcoats of any type of Rust Bullet Metal Jacket.

Removal

Rust Bullet Metal Jacket can be easily removed with Rust Bullet Solvent, mineral spirits or mild alkaline cleaners.

Storage

Store Metal Jacket in a cool, dry, well-ventilated location between 32°F (0°C) and 110°F (43°C) away from heat or open flame. Do not store at temperatures above 120° F.

Handling & Safety

Use with adequate ventilation, and if necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states. Ensure eyewash/safety shower stations are available near areas where this product is used. Avoid getting product on skin or ingesting product. Wash thoroughly after handling. Keep away from incompatibles such as oxidizing agents and alkalis. IMPORTANT: Protective clothing, gloves, and eye protection are recommended when using Rust Bullet Metal Jacket.

For more complete coverage of safety issues refer to the GHS SDS at www.RustBullet.com

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