



RUST BULLET® METAL JACKET™ APPLICATION GUIDELINES

Rust Bullet® Metal Jacket™ is a medium-viscosity liquid and can be brushed, dipped, or sprayed onto surfaces. Once applied, the solvent content evaporates, leaving behind a dry-to-touch, amber-colored, semi-transparent wax coating that provides outstanding long-term corrosion resistance, even in highly aggressive environments such as marine areas and regions with extreme humidity or weather exposure. 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. For best results, it is recommended to completely remove all rust prior to application. If rust is present, it should be removed mechanically (e.g., wire brush, sandpaper) and/or with Rust Bullet® Metal Blast™ before applying the coating. While our official recommendation is always to remove all rust, Metal Jacket will still bond to imperfect surfaces and halt the progression of existing rust. 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.

Stirring and Thinning

Unlike many petroleum-wax rust inhibitors that require heating to around 170°F before application, Metal Jacket is ready for use straight from the container, no heating needed. If, after several years, the product thickens slightly, you can easily thin the product using common petroleum solvents (mineral spirits, thinners, naphtha, etc.). Mineral spirits are generally preferred for their fast evaporation, low cost, and easy availability. Simply stir, thin if necessary, and apply. If you prefer a pre-thinned, ready-to-spray option, consider Metal Jacket Aerosol.

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. Metal Jacket is compatible with most industrial-grade spray systems. Due to its thicker consistency, we recommend using sturdier equipment. For application with an HVLP system, thinning up to 10% is recommended. To prevent equipment damage, thoroughly flush all spray equipment with Rust Bullet Solvent both before and after use. 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 to 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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