



BLACKSHELL® Matte

ENGINEERING DATA SHEET

PRODUCT DESCRIPTION

Single component, aliphatic moisture cured urethane, matte topcoat; BlackShell® Matte can be applied over painted or unpainted surfaces and can be used as a stand-alone protective coating that will protect your iron and steel. For the ultimate protection, apply BlackShell® Matte as a topcoat over our patented Rust Bullet Industrial® or Rust Bullet Automotive® Formulas. BlackShell® Matte is UV resistant, scratch and chip resistant. BlackShell® Matte can be brushed, rolled, or sprayed.

Typical Uses

High performance topcoat protection for steel and iron applications, such as industrial, marine, farm, automotive, and any place where rust is a problem, or a matte black finish is desired.

ADVANTAGES

- Easily applied and "forgiving" under less than desirable application conditions
- Can be applied on rusted or clean surfaces
- Single component – no mixing
- Excellent resistance to weather and mechanical abuse
- Excellent chemical and road salt resistance.
- Excellent abrasion resistance
- Excellent adhesion
- Excellent UV resistance
- Self-leveling
- No peeling or flaking
- Flexible

SPECIFICATIONS

- **Weight per gallon:** 9.2 - 9.5 lb.
- **Pigment type:** Carbon Black
- **Flash Point:** 110°F
- **VOC:** 342 g/liter
- **Viscosity:** 280-350 cP
- **Theoretical coverage:** 350-400 ft²/gal. Depending on surface.
- **Solids by weight:** 62.5% ± 2%
- **Recommended WFT:** 2-4 mils DFT (applied in 1-2 wet coats)
- **Temperature Resistance:** Continuous 314°F
- **Chemical Resistance:** Excellent
- **Recoat ability:** With BlackShell after 2-6 hours, not to exceed 12 hours.
- **Color/Finish:** Matte Black
- **Cure Time:** Depending on ambient temperature and relative humidity, and WFT:
Handle: 2-4 hours.
Touch: 2-4 hours.
Recoat: 2-6, not exceeding 12 hours.
- **Shelf Life:** 2 years, unopened, stored between 50°-100°F.
- **Application Temperature:** 32°F-110°F (0°C-43°C)
- **Compatibility:** With most other MCUs (Moisture-cured Urethane); always refer to the coating manufacturers guidelines for application and compatibility.

SAFETY INFORMATION

Avoid ingestion, contact with skin or eyes. The use of safety glasses and chemical gloves is recommended. When brushing, rolling, or spraying, appropriate NIOSH approved respiratory protection is recommended. **See Safety Data Sheet** for complete safety data before use, available at www.RustBullet.com. It is the applicator's responsibility to understand these safety precautions and the work environment, to protect themselves and/or others.

SURFACE PREPARATION

Surface must be free of contaminates, such as, loose rust, oil, grease, wax, moisture etc. This may be achieved by light scraping; a detergent or solvent wipe may be used if necessary. For more information:

Rust Bullet, LLC ~ 300 Brinkby Avenue, Suite 200, Reno, NV 89509 USA 1(800) 245-1600, 1(775) 829-5606 www.RustBullet.com

LIMITATION OF LIABILITY

All recommendations or suggestions relating to the use of the product, whether in technical documentation, or in response to a specific enquiry, or otherwise, are based on data which to the best of our knowledge is reliable. The product and information is designed for users having the requisite knowledge and industrial skills, and the end-user has the responsibility to determine the suitability of the product for its intended use. Conditions of use are beyond our control, Rust Bullet, LLC (the Company), disclaims any liability incurred in connection with the use of our products and information contained herein. No person is authorized or empowered to make any statement or recommendation not contained herein, any such statement or recommendation so made shall not bind The Company. Furthermore, nothing contained herein shall be construed as a recommendation to use any product in conflict with existing patents Rust Bullet, LLC has no control over either the quality of condition of the substrate, or the many factors affecting the use and application of the product. Therefore, Rust Bullet, LLC does not accept any liability arising from loss, injury, or damage resulting from such use or the contents of this data sheet. The information contained in this data sheet is subject to modification. This data sheet replaces and annuls all previous issues. The user has the responsibility to ensure that this sheet is current prior to product use. 10/25 JWB