

PRODUCT DESCRIPTION

B&H Metshield RC-100 is a powerful rust/oxidation converter designed for use on various steels, iron, cast iron etc.

B&H Metshield RC-100 is a aqueous solution designed to convert rust and oxidation safely and economically. The biggest advantage is that the components do not get rusty again after removing from solution which is case in Acidic Rust removers and forms black inactive layer on the metal surface which can then be painted for longer life.

B&H Metshield RC-100 easily works in the nooks and crannies and all the other wetted areas eliminating the need for mechanical removal. B&H Metshield RC-100 will save your money and time by eliminating the need for time-consuming sanding and grinding operations, not to mention the coast of labor associated with these operations.

B&H Metshield RC-100 can be used Multiple times as it works on Self-replenishment system. It also forms a protective layer on top which helps prevent further corrosion.

COVERAGE

- Coverage Per Lt. : 180-240 Sq. Ft.
- Dry Film Thickness : 10-15 Micron

FEATURES

- Convert to Black and Transparent Inert Coating
- Forms a Rust Preventive Layer
- Brush able, Spray able, Dip able
- Allow 10-30 minutes reaction time depending upon product requirement.
- Paintable with other Coating Systems like Acrylic, Enamel, Powder Coat, PU and Epoxy.
- Low fumes
- Environmentally Safe
- Non Sticky film

APPLICATIONS

- Carbon Steel
- Mild Steel
- Cast Iron



RUSTED PART



APPLY B&H RC-100



AFTER 10 MINUTES



AFTER 30 MINUTES

USAGE

Take the rusted part and dip it in the solution for a few minutes or apply with Spray Gun, Paint Brush. Flash rusted parts may take up to 10-30 minutes and very highly rusted components may take up to few hours.

The product does not get tarnished as in acid solutions and can be left within solutions for up to days.

Dipping by far is the best method for establishing an even layer on the component. Other methods may be used such as mist spraying, electrostatic spraying, brushing, automatic conveyor spray or dip process.

It is important that the complete surface of the component is coated with the B&H Metshield RC-100.

Use of gloves while handling the components as well as immediate packaging is important. In case the oily film is present, clean the part with Aqua-Clean Degreaser first.

PACKAGING AND STORAGE

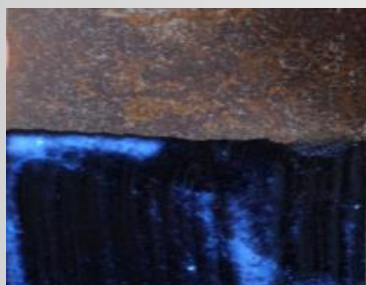
Store in a cool dry place and always keep oil sealed when not in use.

DISPOSAL

Disposal of product or waste must comply with official local regulations.

TECHNICAL SPECIFICATIONS

PHYSICAL PROPERTIES	TEST METHOD	VALUE
Viscosity @ 30°C (cSt)	ASTM D 445	30
Specific Gravity	ASTM D 1298	1.0
Flash Point (before Application)	ASTM D 92	Non-Flammable
Indoor Protection Life (Open)		Up to 6 Months
Indoor Protection Life (Packed)		Up To 2 Years



Pic 1 & 2 : Rusted Surface coated with RC-100
 Pic 3: RC-100 coating can be Painted with Multiple Paint Systems