

## VersEseal Rust Converter and Primer

**VersEseal Rust Converter and Primer is a highly effective, water-based polymeric rust treatment specifically designed to neutralise and stabilise rusted metal surfaces.**

LRM Products' VersEseal Rust Converter and Primer chemically reacts with brown iron oxide rust to form a durable, insoluble blue-black metal-organic complex. This reaction effectively halts further oxidation, providing a solid foundation for subsequent coatings. The product enhances adhesion for paints and protective layers, ensuring long-term surface integrity. Its advanced water-based formula is easy to apply and dries quickly, making it an ideal solution for both industrial and domestic applications requiring reliable rust management.

### APPLICATION

VersEseal Rust Converter and Primer is a single-component product that can be applied using a brush or roller. Before application, ensure the surface is free from dust, oil, grease, rust flakes, and any other contaminants. Loose rust and flaking paint should be removed using a wire brush, scraper, or mechanical sander. The surface must be clean, dry, and free from debris before proceeding.

Shake well before use. Decant the required amount of product into a plastic or glass container for use. Do not return any leftover product to the original container. Apply one undiluted coat evenly, ensuring full coverage of the rusted areas only. Avoid applying thick layers, as this may slow the chemical reaction process. The product should be applied at a rate of approximately 10m<sup>2</sup> per litre, though actual coverage will vary based on the surface texture and level of rust present. When coating large areas brushes and rollers should be rinsed occasionally in water during use to prevent clogging and maintain ease of application.

Drying time is typically 2-3 hours, during which the rust will undergo a chemical transformation, forming a blue-black protective barrier. Drying times may be extended in cold or humid conditions, poor ventilation, or when excessive film thickness is applied. Once dry, follow the relevant VersEseal application guide for subsequent coatings. There is no need to wash or rinse the surface after drying.

After application, remove excess product from equipment before washing with clean water. Do not dispose of leftover product or wash water into drains or sewers. Store in a cool dry place away from direct sunlight. Do not store below 5°C.

### LIMITATIONS

VersEseal Rust Converter and Primer is not suitable for use on clean or non-rusted metal surfaces. It should not be applied to surfaces exposed to high heat, such as stoves or heaters, as the product is not designed to withstand extreme temperatures. Application should be avoided if rain is expected within four hours, as moisture can interfere with the product's effectiveness. Additionally, it should not be used when the air or surface temperature is below 10°C or above 30°C, as these conditions may affect drying and performance. Please consult technical services with any questions.

## CAUTION

Keep out of reach of children. Wear eye and hand protection. If swallowed, do not induce vomiting. Seek medical advice. If in eyes, flush out immediately with water and seek medical advice. If on skin, remove contaminated clothing and wash skin thoroughly with soap and water. Ensure adequate ventilation during use and while drying. Avoid storage below 5°C.

Do not pour unwanted product down the drain, as improper disposal can harm the environment. Any leftover product should be stored in sealed containers and disposed of through special chemical waste collections. Ensure that all storage and disposal follow local environmental regulations to prevent contamination of water sources and soil.

VersEseal Rust Converter and Primer is a non-flammable liquid and does not present storage or transport hazards. Please read the full Safety Data Sheet for the product prior to use.

## TECHNICAL SERVICE

### Physical Properties (Liquid)

Property	Typical Results
Colour	Cream
Specific gravity (liquid) at 20°C g/cm <sup>3</sup>	1.3 - 1.4
Average Particle Size (µm)	0.10 approx.
Volatile Organic Compound	Contains no solvents
Solids Content (%)	62 ± 1
Viscosity, Brookfield RVT at 23°C (sp.3/20 rpm, mPa s)	1000 - 2000
pH	2 - 3
Stabilising System	Anionic
Freeze-Thaw Stability	Good

### Performance Data (Cured)

Property	Typical Results
Film Appearance	Cream to Blue-Black
Mechanical Stability	Excellent
Chemical resistance	Resists salt water and many organic and inorganic solutions not recommended for gasoline or other petroleum products. Forms a barrier to water vapour, oxygen, carbon dioxide and radon.

## DISCLAIMER

This Product Data Sheet (PDS) provides a concise summary of our most up-to-date knowledge about the product, encompassing instructions for usage and application. It is essential to thoroughly review this PDS and consider the information within the context of the intended product application, including its compatibility with other products and the specific surfaces it will be used on, as well as the method of application. Please be aware that our responsibility for products sold is governed by our standard terms and conditions of sale. LRM Products cannot be held liable, whether directly or indirectly, for any losses incurred in connection with the utilisation or application of the product, regardless of compliance with any advice, specifications, recommendations, or information provided by us.