

OPTIPRIME WB

Optima Coatings OptiPrime WB is a high performance metal primer and rust treatment engineered with anti-corrosive properties that prevents the development of rust. Suitable for new or weathered metal, OptiPrime WB Anti-Rust Coating stops rust that may have already formed and creates a highly effective barrier against the formation of new rust.

Colours: Grey, Red and Beige/Cream

PRODUCT USES

- OPTIPRIME WB at 8m²/Litre/Coat with a final DFT of 130 microns for those two applied coats passes C5 Industrial Long Corrosion environment category.
- Primer for a variety of metals.
- Superior anti-rust coating for new or weathered metal.
- Suitable for domestic, commercial, industrial and automotive uses, including priming of industrial steel framing, farm implements, tanks, roofs, handrails, window and door frames.

ADVANTAGES

- Superior corrosion resistant formula.
- Easy to use.
- Quick drying and can be handled within an hour.
- Water based – solvent free.
- It has good flow and leveling properties, leaving the surface smooth and ready for paint.
- Good sanding and topcoat intercoat adhesion.
- It has no toxic fumes, so you can safely use it in a confined space.
- Cleaning your tools afterwards is easy – simply use water.
- Non-flammable and environment friendly.

COVERAGE

- 8 - 10m² per litre per coat. Applied in a 2 coat application. Coverage will vary depending on the porosity of the surface.
- Recommended wet film thickness of 80 - 100 microns per coat giving a dry film thickness of 40 - 50 microns per coat.

SURFACE PREPARATION

Ensure all substrates are thoroughly clean, sound, dry and free from any contaminants such as dirt, mill scale, salt, algae, grease and excess rust.

New metal:

- Abrade surface lightly and remove any surface rust or mill scale by sanding, wire brushing, with a chipping hammer, or sandblasting (sandblasting to SA2½ with a maximum 40 micron profile gives the best results) to a sound metal.
- Clean away sanding dust, grease and dirt with Optima's OptiDegreaser or OptiGalve Etch according to instructions.
- Rinse thoroughly with water until a water break-free surface is attained and allow to dry.

New galvanized iron:

- New galvanized iron is covered with a temporary protective oil which needs to be removed.
- Clean away grease and dirt with OptiDegreaser or OptiGalve Etch according to instructions.
- Rinse thoroughly with water until a water break-free surface is attained and allow to dry.

Weathered metal:

- Remove loose, flaking rust and paint by wire brushing, chipping or sandpapering to a sound metal.
- Clean away sanding dust, grease and dirt with OptiDegreaser or OptiGalveEtch according to instructions.
- Rinse thoroughly with water, especially if metal has been exposed to salty air, until a water break-free surface is attained and allow to dry.

Weathered galvanized iron:

- Remove loose, flaking paint and rust by wire brushing, chipping or sandpapering to a sound metal.
- Clean away sanding dust, grease and dirt with OptiDegreaser or OptiGalve Etch according to instructions.
- Rinse thoroughly with water until a water break-free surface is attained and allow to dry.

APPLICATION

- Stir OptiPrime WB Anti-Rust Coating well.
- Apply using a brush, roller or spray. For spray application, thin OptiPrime WB with water by 10% to 15% and mix well.
- Allow first coat of OptiPrime WB Anti-Rust Coating to dry for at least one hour before applying a second coat.
- For best results always apply two coats.

New metal:

- Prime with the first coat of OptiPrime WB according to instructions to promote paint adhesion and allow to dry.
- Apply the second coat of OptiPrime WB within 3 days to prevent re-contamination and oxidation.

New or weathered galvanized iron:

- Apply OptiPrime Aqua Galvanized Iron Primer for maximum adhesion as soon as possible to avoid re-contamination (within 4 hours for coastal areas and 12 hours in other areas). Allow to dry.
- Prime with the first coat of OptiPrime WB according to instructions to promote paint adhesion and allow to dry.

Weathered metal:

- Prime with the first coat of OptiPrime WB according to instructions to promote paint adhesion and allow to dry.

CLEANING

- Hands and equipment are easily cleaned in water while wet. Collect spills with suitable absorbent material.

IMPORTANT

- Application in areas where surface temperature exceeds 40°C is not recommended.
- Exhibit care when overcoating with compositions containing strong solvents e.g. nitro-cellulose lacquers.
- Full cure of OptiPrime WB Coating should be obtained before overcoating with lacquers.

SAFETY PRECAUTIONS

- Not for internal consumption.
- Keep out of reach of children.
- Skin or eye contact: If splashed in the eyes or on skin, rinse off immediately with clean warm water.
- Spray application: Areas where spraying takes place should be clean and well ventilated. If necessary use suitable respiratory safety equipment and protective clothing.

TECHNICAL DATA

Pack Size	5 litre & 20 Litre
Number of components	Single pack
Touch drying time	1 hour at 25°C
Hard Dry	6 hours at 25°C
Overcoating time	Ideal: 3 - 4 hours at 25°C at 50% relative humidity for water based topcoats 36-48 hours at 25°C at 50% relative humidity for solvent based topcoats
Volume solids	50%
Wet film thickness	80 - 100 microns per coat
Dry film thickness	40 - 50 microns per coat
Service temperature	-10°C to 60°C
Application temperature	5°C to 40°C
Density	1.25 to 1.30g/cm³
Finish	Sheen
Toxicity	Non Toxic when dry
Fire Hazard	No
Shelf life	24 months
Storage	Under cover in cool, dry conditions.

Technical details above are provided in good faith. We are an ISO 9001: 2008 registered company and our products are manufactured to the highest standards using raw materials of superior quality. Consequently we believe in the quality of our products and will willingly replace any product in the unlikely event of a quality related performance failure. Whilst we are confident in guaranteeing the quality of our products, we cannot however accept any liability for performance failure due to the incorrect application of our products. Correct application is critical to the successful performance of our products and as this process falls outside of our control we are unable to cover the application under our product performance warranty. Where there are doubts, it is recommended that the user conduct their own suitability tests before use. To retain sheen and colour consistency of your paint, always make sure that the batch numbers are the same on all paint containers that you purchase.

Updated: March 2013 (this supercedes all previous publications)