



MAPEI

Dursilac **No Rust**

**Solvent based anti-rust
metal primer for exterior use**

EXCELLENT ADHESION

GOOD CORROSION PROTECTION

METAL



WHERE TO USE

- **Anti-rust treatment** to ensure **protection and durability** to metal substrates in exterior, before painting with **Dursilac** water-based acrylic urethane enamel paints.
- **Adhesion promoter** and base layer **to even out** new or painted metal substrates, prior to the application of **Dursilac Gloss, Satin** or **Matt** enamel paints.
- **Touch-up of rusted areas** on iron or metal surfaces.

Some application examples

- Anti-rust treatment of outdoor new or painted metal surfaces, such as gates, railings, iron grilles, metal carpentry in general.
- Anti-rust base layer and adhesion promoter for the preparation of various metal items to be painted, such as new or painted metal garden furniture, racks, etc.
- Precautionary treatment against rust formation for all metal surfaces.

TECHNICAL CHARACTERISTICS

Dursilac No Rust is a synthetic anti-rust metal primer, based on iron oxides and zinc phosphate, grey in colour.

Dursilac No Rust has a quick drying and a good corrosion inhibition.

Dursilac No Rust is a one-component product, easy to use, formulated for the protection and safekeeping of outdoor metal surfaces.

Dursilac No Rust adheres perfectly to the various types of metals and has a very high hiding power. These characteristics ease the preparation of the substrate, covering small imperfections to reach an even appearance.

Dursilac No Rust preserves metal surfaces from the formation of rust and makes the substrates uniform before the final top coat with **Dursilac** water-based acrylic urethane enamel paint, available in **Gloss, Satin** and **Matt** finish.

APPLICATION PROCEDURE

Preparation of the substrate

New unpainted metal surfaces: remove completely all existing rust and millscale by brush or sandpapering. Carefully clean and degrease the surface with a suitable thinner.

Previously painted metal surfaces: carefully clean and sandpaper the substrate to remove rust and existing layers of loose or flaking paint.

Dust and degrease the surface with a suitable thinner.

Preparation of the product

Dilute **Dursilac No Rust** with synthetic thinner or white spirit up to max. 10% by volume, according to the application tool to be used, the ambient conditions and the type of substrate. Stir the product thoroughly. For the preparation of partial quantities, it is recommended to accurately stir **Dursilac No Rust**, as it is, before pouring the material from the original metal tin.

TECHNICAL DATA (typical values)		
PRODUCT IDENTITY		
Consistency:		thick liquid
Colour:		grey
Density (EN ISO 2811-1) (g/cm ³):		approx. 1.58
Dry solids content by weight (EN ISO 3251) (%):		approx. 84
APPLICATION DATA		
Dilution rate (% synthetic thinner or white spirit by volume):	Brush	5-8%
	Roller	5-8%
	Spray	max. 10%
Drying time (at +23°C - 50% R.H.):	Dust free	1-2 hours
	Touch dry	4-6 hours
	Recoat	12 hours
Conditions of application (air and substrate):	Temperature	between +5°C and +30°C
	Humidity	< 80%
Coverage (m ² /litre):		approx. 6-8 (per coat)
Advised dry film thickness (µm):		90-100 (per coat)
FINAL PERFORMANCE		
VOC content of ready-mixed product (grey) (European Directive 2004/42/EC) (g/l):		≤ 450 (category BSA/i: 500 g/l [2010])

Application of the product

Apply **Dursilac No Rust** by short pile roller, brush or spray on the perfectly clean, dry and cohesive surface.

Touch-up rusted areas with **Dursilac No Rust**; let it dry and apply a uniform layer of product on the entire surface.

The application cycle requires one or two coats of **Dursilac No Rust** metal primer at 12 hours between coats, in normal conditions of humidity and temperature, and in any case when the previous layer is completely dry. Complete the protection and decoration of the surface with two coats of **Dursilac**, water based acrylic urethane enamel paint, in the desired colour and finish (**Gloss, Satin, Matt**).

RECOMMENDATIONS

- Do not apply if substrates or ambient temperature is below +5°C or higher than +30°C.

- Do not apply when rain is imminent, with windy weather or under direct sunlight.
- Do not apply when relative humidity is above 80%.
- Do not apply on damp surfaces.
- Be careful to respect the drying time to avoid wrinkles appearing on the top finish coat.
- Do not use indoor.

Cleaning

Brushes, rollers and all equipment used for the application can be cleaned with white spirit or synthetic thinner before drying of **Dursilac No Rust**.

COVERAGE

Coverage is highly depending on the nature

and porosity of the substrate on the type of the tool used for the application. In normal conditions **Dursilac No Rust** will cover about 6-8 m²/litre, per coat.

PACKAGING

Dursilac No Rust is supplied in metal tins of 0.75 and 2.5 litres.

STORAGE

24 months in a dry place, away from heat sources at temperature between +5°C and +30°C.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Dursilac No Rust is harmful and inflammable. Keep away from flames and sparks, do not smoke, avoid the accumulation of electrostatic charges and use in well ventilated areas. During use wear protective gloves and goggles and take the usual precautions for the handling of chemicals. If the product comes in contact with the eyes or skin, wash immediately with plenty of water and seek medical attention. Furthermore, **Dursilac No Rust** is hazardous for aquatic life. Do not dispose of the product in the environment.

For further and complete information about the safe use of our product please refer to the latest version of our Safety Data Sheet.

PRODUCT FOR PROFESSIONAL USE.

WARNING

Although the technical details and recommendations contained in this product

data sheet correspond to the best of our knowledge and experience, all the above information must, in every case, be taken as merely indicative and subject to confirmation after long-term practical application; for this reason, anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application. In every case, the user alone is fully responsible for any consequences deriving from the use of the product.

Please refer to the current version of the Technical Data Sheet, available from our website www.mapei.com

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**All relevant references
for the product are available
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www.mapei.com**



Dursilac
No Rust



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