

TECHNICAL DATASHEET

VIPER ACID ETCH PRIMER

PRODUCT DESCRIPTION

Wash Primer is a two-component system providing excellent adhesion on steel, iron, aluminum, galvanized steel and fiber glass reinforced polyester. It creates required anchoring on the substrate and thereby improves the adhesion of the coating to the surface.

It gives an outstanding protection against rust. Wash primer works as a protective barrier against corrosive atmospheric elements.

PRODUCT BENEFITS

- 1- Excellent anti-corrosion properties
- 2- Excellent adhesion on steel and galvanized metal
- 3- Great resistance to chemicals
- 4- Good flexibility
- 5- Good mechanical resistance
- 6- Great intercoat adhesion.
- 7- Fast drying
- 8- Compatible with two component finishes.

RECOMMENDED USES

VIPER ACID ETCH PRIMER has been developed for application on bare metal, iron and old sanded paint surfaces to improve adhesion of subsequent paint coats.

Ideal as a primer on hard to coat substrates such as galvanized steel and aluminum before the application of VIPER Protective coating.

It is used to protect ferrous surfaces against corrosion in severe environment and tough conditions.

SURFACE PREPARATION

For steel: Oil and grease should be removed by solvent cleaning. An abrasive blasting is required for proper anchoring.

For Aluminium: Solvent cleaning followed by blast cleaning with a fine grade abrasive or by chemical etching.

Galvanized Zinc Primed Steel: Remove zinc salts by power or hand tool cleaning. Solvent clean the surface to make it free from oil, grease, loose particles.

PHYSICAL AND CHEMICAL PROPERTIES

Physical State Viscous Liquid

Appearance Flat Finish

Color Green

Specific Gravity, ISO 2811 1.1 g/cm³

Viscosity, ISO 2884 10- 12 poises

Sag Resistance Excellent

Leveling Excellent

Scratching Resistance Excellent

Chemical Properties

Solids by Weight 32 ± 2%

Solids by Volume 19 ± 2 %

APPLICATION



Mixing ratio:

Up to 50% with thinner for spray application



Spray viscosity:

16 – 20 seconds DIN4 at 25°C



Pot life:

4 - 6 hours at 25 C



Layers:

1 - 2 layers

Flash-off: 10 -20 minutes.



Drying time:

at 25°C: 2 - 4 hours.



Sanding:

No sanding required.

If more than 12 hours have passed before over coating sanding is preferred to ensure a good adhesion. To maximize anti-corrosion properties, an intermediate coating could be applied: VIPER 2K Acrylic Primer before the finish.

PACKING

In cylindrical tin containers of the following capacities:

- 1 US Quart = 0.95 L.
- 1 US gallon = 3.78 L.

STORAGE

1 year under normal storage conditions from the issue date.

Avoid frost & excessive heat.

The technical information contained in this Technical Data Sheet is to be understood as advice only and not binding in any respect.

All details about working with our products should be adapted to prevailing local conditions and materials used.