

## TECHNICAL DATASHEET

# WASH PRIMER

### PRODUCT DESCRIPTION

Wash Primer is a two-component system providing excellent adhesion on steel, iron, aluminum, galvanized iron 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

Happy Wall Wash Primer has been developed for application on bare metal and old sanded paint surfaces to improve adhesion of subsequent paint coats.

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

It can be applied on steel, iron, aluminum, galvanized surfaces, TOT panels ...

### 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 Range Green

Specific Gravity, ISO 2811 1.1 g/cm<sup>3</sup>

Viscosity, ISO 2884 10- 12 poises

Drying Time, ASTM D5894 1-2 hours

Wet Film Thickness, ISO 2808 100-150 µm

Dry film Thickness, ISO 2808 30-45 µm

Recoat Time 3-4 hours

Pot Life The mixture can be used up to 8 hours

Sag Resistance, ASTM D3730 Excellent

Leveling, ASTM D2801 Excellent

Scratching Resistance, ASTM D3003 Excellent

## Chemical Properties

Solids by Weight 32 ± 2%

Solids by Volume 19 ±2 %

## APPLICATION

For Brush or Roller application dilute up to 5% with thinner.

For Spray Gun application dilute up to 10% with thinner.

**Sanding:** If necessary, dry sand Wash Primer. If more than 12 hours have passed before over coating sanding is necessary to ensure a good adhesion.

To maximize anti-corrosion properties, an intermediate coating could be applied: 2K primer, epoxy 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.
- 1 Pail (5 U.S.G.) = 20L

## 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.