

Description: Rust and corrosion-preventive, high-adhesion, water-based primer for steel and non-ferrous metals such as aluminium, zinc, etc. Also suitable for wood, MDF, hard plastics, etc. Can be finished with water-based and solvent-based top coat paints. Virtually odourless and quick drying. For interior and exterior use.

Use: As a rust protection primer on untreated or exposed metal surfaces that have been thoroughly cleaned and from which all rust has been removed. SPS Metal primer AC has a shelf life of several months after opening. Can often be painted over on the same day.

Properties:

- Rust and corrosion-preventive
- For steel and non-ferrous metals
- Excellent adhesion
- Quick drying
- Odourless and solvent-free
- Seals effectively

Application: Stir well before use. Apply a minimum of 2 coats using a suitable brush or paint roller. Water-based products dry relatively quickly. Always work wet-on-wet to prevent visible marks in the paint. Do not touch up when drying. Lightly sand and remove any dust between the coats.

Colour: White.

Covers: Approx. 12-14 m²/litre per coat. The stated coverage is theoretical. The actual coverage depends on the nature and the structure of the surface and the application method.

Drying time at 23°C and relative humidity of 65%:

Dust-free after approximately 1 hour.

Can be painted over after approximately 6 hours.

Variations in coating thickness, temperature, humidity etc. affect the drying time.

SYSTEM CONSTRUCTION

General:

The surface must be capable of supporting the paint, clean, dry, free of dust and grease and free of corrosion.

Iron, aluminium, zinc, copper, brass and galvanised steel etc. that has not been primed or has been sanded back to bare metal:

- Prime untreated metal surfaces or metal surfaces that have been sanded back to bare metal with SPS Metal primer AC.
- After drying, lightly sand the surface (do not sand through the coat of paint) and remove dust.
- Apply top coat paint.

Existing old coats

- Remove old loose coats.
- Clean the entire surface using SPS Paint cleaner.
- Allow to dry, sand and remove dust.
- Prime exposed parts that have been sanded back to bare metal using SPS Metal primer AC.
- After drying, lightly sand the surface (do not sand through the coat of paint) and remove dust.
- Apply top coat paint.

Existing intact coats of paint

- Clean the intact coats using SPS Paint cleaner
- Touch up with primer or apply a complete coat of primer using SPS Metal primer AC.
- After drying, lightly sand the surface (do not sand through the coat of paint) and remove dust.
- Apply top coat paint.

The systems described above apply for the most common types of surface. For specific applications and/or detailed advice, please contact SPS bv.

TECHNICAL DATA

Binding agent:	Acrylic dispersion and PU-modified alkyd emulsion
Pigments:	Rutile titanium dioxide and mineral extenders.
Solvent:	Water
Solid components:	36% v/v
Specific mass:	Approximately 1.28 g/ml
Recommended coat thickness:	Dry coating thickness/coat: approx. 35 micrometres Wet coating thickness/coat approximately 100 micrometres
Degree of gloss:	Matt
Dilute with:	Water
Hazard classification:	See MSDS
Tool cleaning instructions:	Use water and soap.

Shelf life: Minimum of 12 months in the tightly sealed original packaging in a dry, cool and frost-free place.

General: Do not apply at temperatures below +8°C. Only apply if the surface temperature is at least 3°C above the dew point temperature. Do not apply outdoors when it is likely to rain, when frost is expected or in direct sunlight. Always use the required personal protective equipment when applying this product. Always ventilate appropriately when applying.

Surplus product: This paint and the packaging should be disposed of at a collection point for hazardous or special waste.