

Sabeto Shield Metal Primer

Water-based, one-component anti-corrosive primer

Description

Water-based, one-component anti-corrosive primer for old or new metallic surfaces

Fields of application

On old or new surfaces of iron or steel, in interior or exterior areas, which are to be covered with water-based waterproofing coatings (e.g. **Sabeto Shield Coating**, etc.)



Properties - Advantages

- Ideal for the anti-corrosive protection of metallic surfaces, prior to the application of water-based coatings
- Very strong adhesion on metallic substrates
- Resilient to adverse weather conditions and industrial atmosphere
- Suitable for interior and exterior applications, even in seaside areas

Colour

TERRACOTTA

Packing

3L & 1L

Technical characteristics

Density (EN ISO 2811-1)	1,29kg/L (±0,05)
Adhesion strength (ASTM D4541, steel substrate)	≥2N/mm ²
Coverage: 10-12m²/L in one layer	

Application conditions

Substrate moisture content	<4%
Relative air humidity (RH)	<65%
Application temperature (ambient - substrate)	+12°C min. / +35°C max.

Curing details

Drying time (+25°C)	2-3 hours
Dry to recoat - overcoat (+25°C)	4-6 hours
<i>* Low temperatures and high humidity during application and/or curing prolong the above times, while high temperatures reduce them</i>	

Instructions for use

Substrate preparation

The metallic surfaces must be properly prepared by sandblasting or sanding with a wire brush and should be dry, free of dust, dirt, greasy and oily substances, as well as any poorly adhering coatings. New metallic surfaces should be degreased with solvent.

Application

After thorough stirring, **Sabeto Shield Primer** is applied, diluted with water up to 5%, in one layer by roller or brush. For enhanced anti-corrosive protection, it is recommended to apply an additional layer, as described above.

Special notes

- **Sabeto Shield Primer** should not be applied under wet conditions, or if wet conditions or rainy weather are expected to prevail during the application or the curing period of the product.
- The substrate temperature must be at least 3°C above dew point to reduce the risk of condensation or blooming on the surface finish
- In case that an extended period of time (>2 days) has passed between successive layers, it is recommended to lightly sand the surface of the previous layer, in order to avoid possible adhesion problems of the next layer
- Not recommended for application on substrates of stainless steel.

Colour	Terracotta
Packing	3L and 1L in plastic pails
Cleaning of tools – Stains removal	By water immediately after the application. In case of hardened stains, by mechanical means only.
Volatile organic compounds (V.O.C.)	V.O.C. limit acc. to the E.U. Directive 2004/42/CE for this product of category AiWB: 140g/l (Limit 1.1.2010) - V.O.C. content of the ready-to-use product <140g/l
UFI code	4KT0-50CT-500S-6W2C
Storage stability	2 years, stored in the original sealed packing, protected from frost, humidity and exposure to solar radiation.

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