

Technical Bulletin: **ZincPrimer**

Product description

ZincPrimer is a watery adhesion agent for use on internal and external non-ferrous metal on basis of acrylic resin.

Ingredients

Polyacrylate dispersion, titanium dioxide, water, propylene glycol, preservatives

Product group / GIS code

BSW20

The information in the current safety data sheet apply.

Scope of application

ZincPrimer is an adhesion agent for non-ferrous metal such as zinc, galvanized steel, stainless steel, aluminium and copper. It can also serve as light corrosion prevention on iron and steel surfaces.

Product specific properties

ZincPrimer is free of solvents, lead and chromate and very adhesive.

The fast-drying primer forms an exquisite basis for following *ClimateCoating®* products.

Material data:

- Density at 20°C: 1,40 kg/dm³ ISO 2811-1
- PH-value: 8.80 - 9.20 at 20 °C

VOC Regulation (EC)

Limit value of 01.01.2010 for water based (Wb) coating material (Prod.-Cat. i) for one component special lacquers = 140 g/l.

This product contains < 30 g/l VOC.

Processing note

ZincPrimer can be applied to all sound, clean, dry, rust and grease free surfaces of ferrous (iron and steel surfaces) and non-ferrous metals. Clean zinc and galvanized surfaces by using an ammoniac wetting agent. Degrease aluminium and copper.

Application

The processing can be carried out by the coating, rolling or spraying process. *ZincPrimer* is ready for processing with a brush, roller and airless sprayer.

When using gobs, *ZincPrimer* should be diluted with 10% water. If spraying equipment is used, the guidelines of the equipment manufacturer must be observed. During processing, care must also be taken that the air and object temperature 8 °C is not exceeded. This also applies to the entire period of drying.

The material must be stirred briefly before use and after prolonged breaks.

ZincPrimer can be recoated after approx. 2 hours, dried after 24 hours, and has reached its final hardness after 5-7 days.

Consumption

The spreading capacity of *ZincPrimer* is approximately 110 ml/m² at a coat thickness of 20µm. The spreading capacity will vary according to the structure and porosity of the surface. If in doubt, a small test area should be applied first.

Cleaning of tools

Rolls, brushes and spray equipment are to be washed out with water thoroughly immediately after usage.

Colours

ZincPrimer is available at a colour shade of white.

Storage and transport

ZincPrimer should be stored and transported cool, but frost protected. Once opened, close containers firmly and apply as soon as possible. Storable from date of manufacture: 12 months.

Delivery form

2,5; 10 litres

Differing pack sizes available on request.

Disposal

Do not empty into canalization, watercourses or the ground. Only completely emptied containers should be disposed for recycling. Please turn part-used products to the collection point in charge.

Non-hazardous waste code according to EU-list of wastes: 080120

Security notice

The content of the technical bulletin manifests no contractual legal relation. In any case, the applicant / customer must consider the material's utilizable under practical conditions before application.

Do not allow to enter drains, water courses or soil. Keep away from food, drinks and feeding stuff. Keep out of the reach of children. Protect surfaces not to be treated by taking appropriate measure. Avoid contact with skin and eyes. Where applying with spraying method, avoid the inhalation of emerging dust. Before-mentioned information becomes invalid at release of a new technical bulletin by SICC Coatings GmbH in laboratory and practice as guideline values. The product information is given to the best of our knowledge and according to the current state of technology. Environmental influences, materials, application equipment and application methods are beyond our control and therefore out of our responsibility. SICC©2020