

TECHNICAL DATA SHEET **ZincPrimer**

Product Description

ZincPrimer is an aqueous adhesion promoter for non-ferrous metals for indoor and outdoor use based on acrylic resin.

Ingredients

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

Product Group / GIS Code

BSW20

ZincPrimer is used as an adhesion promoter for non-ferrous metals such as zinc, galvanized steel, stainless steel, aluminum and copper. It can be used as a light corrosion protection on iron and steel surfaces.

Scope of application

ZincPrimer is solvent-free, lead-free, chromate-free and has good adhesion.

The quick-drying base coating provides an excellent basis for the subsequent ClimateCoating® coating.

Product-specific properties

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Material characteristics

Density at 20°C: 1.40 kg/dm³ according to ISO 2811-1

Drying range: sd = 1.7

VOC Regulation (EC)

Limit value from 01.01.2010 for one-component special coatings (product cat. i) = 140 g/l.

This product contains < 30 g/l of VOC.

Substrate preparation

Plastics:

Plastic surfaces should be sanded with 120 to 180 grit sandpaper before coating until an even, matt surface is obtained.

Metals:

Zinc and galvanized surfaces must be cleaned by an ammoniacal wetting agent wash. Aluminium and copper must be degreased.

Processing

Processing can be carried out by spreading, rolling or spraying. ZincPrimer is set up ready for application with brush, roller and airless sprayer.

When using cup guns, ZincPrimer must be diluted with 10% water. If sprayers are used, the guidelines of the equipment manufacturer must be observed. During processing, it is also important to ensure that the air and object temperature is not below 8°C. This also applies to the entire drying period. Before use and after longer interruptions in work, the material must be stirred briefly.

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

Consumption

The consumption of ZincPrimer is approx. 110 ml/m² with a layer width of 20µm on smooth, non-absorbent substrates.

The consumption quantities depend on the structure and absorbency of the substrate and, if necessary, must be determined by a test coat.

Cleaning the tools

Rinse rollers, brushes and sprayers thoroughly with water immediately after use.

Shades

ZincPrimer is available in white.

Storage and transport

Store and transport ZincPrimer in a cool, but frost-free place. Close the opening containers well and process them as soon as possible. Can be stored from the date of manufacture: 12 months.

Delivery form

2,5; 10 litres

Other container sizes on request.

Disposal

Do not allow product residues to get into the sewer system, water or soil.

Only empty containers should be recycled. Drop off product residues at the responsible collection points.

Waste code no. 080120 according to the EU Waste Register.

Safety instructions

The content of the technical data sheet does not express a contractual legal relationship.

In any case, the processor / buyer must check the usability of the material under practical conditions before application.

Do not allow to get into sewers, water or soil. Keep away from food, drink and feed. Protect from access by children. Areas that are not to be treated must be protected by suitable measures. Protect eyes and skin from splashes. Do not inhale the resulting spray mist when using the spray process.

With the publication of a new technical data sheet, due to the product improvement, the above information loses its validity.

The information provided was determined by SICC Coatings GmbH in the laboratory and practice as a guideline. The product information is provided to the best of our knowledge and corresponds to the current state of the art. Environmental influences, materials, application equipment and application techniques are beyond our influence and therefore beyond our responsibility. SICC© 2020