

# Prince Color Z 301 DS

Cement-free, fibre-reinforced reinforcing layer for embedding of reinforcing glass fabric for ETICS.

## Extend of use

- For indoor and outdoor application.

## Features

- Easy workable.
- Creates unified even surface structure.
- Tear-resistance and excellent moisture-vapour permeability at minor water absorption
- Also suitable as reinforcing compound for repairing facades (with or without reinforcing fabric).

## Technical data

Material base	terpolymerizate / acrylic copolymerizate.	
Density (DIN 53117, 20°C)	approx. 1,64 g/cm <sup>3</sup>	
Colour tint	light grey	
Sheen level / surface	matt	
Structure	fine, slightly grained	
Application	stainless steel trowel or mechanical application, do not apply on direct sun shine	
Consumption (per 1 coat)*	at 2 mm layer thickness approx. 2,8 kg/m <sup>2</sup> , max. film thickness 4 mm	
Working temperature	do not apply below +5 °C (tair and ambient temperature)	
Drying time (+20 °C, 65 % rel. air humidity)	recoatable after approx. 2–3 days depending on temperature and humidity	
Dilution	use in supplied consistency	
Tools cleaning	with water immediately after use	
Hazard designation	see valid Safety data sheet	

\* Non-binding reference value since surfaces and their consumption rates vary. Carry out a test application to assess the exact spreading rate.

## Packaging and storage

- Packed in 25 kg netto. Available in containers too (volume 800–1000 kg).
- Store in cool but above freezing point warehouses. Seal open containers airtight and use up soon.

## Substrate preparation

Surfaces must be solid, dry and free of dust and other soiling. Bearing power capacity according DIN 18 363 standard.

## Embedding of reinforcing fabric within ETICS

Apply Prince Color Z 301 DS on the insulation boards, press the reinforcing fabric into the wet reinforcing layer and apply another layer on top. The fabric must be positioned in the middle of the reinforcing layer and be entirely covered.

## Top coat

Recommended plaster base on acrylic or silicone dispersion.

## Embedding of reinforcing fabric for facade repairs:

Apply Prince Color Z 301 DS on the surfaces suitably prepared for coating, press the reinforcing fabric into the wet reinforcing layer and apply another layer on top. The fabric must be positioned in the middle of the reinforcing layer and be entirely covered.

Prince Color Z 301 DS is not suitable for application on coarse-grain render (above 4 mm grain size, see also "Spreading rate": maximum film thickness: 4 mm).

## Mechanical (machine) application

Apply liberally and evenly by means of suitable spray equipment. Nozzle size: 10 mm, pressure: 6 bar.

## Note

Material is suitable only for intended purpose. Provide sufficient ventilation during and after work indoor. Observe standard safety measures. Observe particular instruction for ETICS works.

## Safety instructions

**General instructions:** In all cases of doubt, or when symptoms persist, seek medical attention. Observe important of unconscious person (breathing, heart activity, pulse). Do not indicate vomiting. Seek medical help.

**Inhalation:** Remove immediately to fresh air, keep patient warm and at rest. Seek medical attention. Do not inhale vapour. Entire sufficient ventilation.

**Skin contact:** Remove contaminated clothing. Wash skin with soap and water, rinse abundantly. Do NOT use solvents or thinners. Apply suitable reparation cream after washing.

**Eye contact:** Contact lenses should be removed. Hold eyelids open and flush with copious amounts of clean, fresh water or a special eyewash solution and seek medical advice.

**Ingestion:** If swallowed, rinse mouth with plenty of water (only if the person is conscious) and seek medical advice immediately. Keep the injured person rest. Do not induce vomiting.

When spraying use appropriate respiration protection. Use eye and face protection. Use suitable protective gloves.

For detail information se Material Safety Data Sheet.

**Information for architects and engineers**

Consultations on the building sites, additional information, tests approvals and samples descriptions are available at the local technical offices or directly in company residence.

**Disposal information**

Product is to be disposed in accordance with particular rules valid in country of use.

Do not allow product to reach ground water, water bodies and sewage systems.

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