

### Water-Based Epoxy Primer

Product code: A201

#### Description and Application.

CADIN A201 water-based epoxy primer is a two-component, water-based epoxy coating. It serves as a primer for metal or concrete surfaces, enhancing adhesion for the finishing paint and safeguarding the structural surfaces.

CADIN water-based epoxy primer is produced in accordance with the fundamental standard TCCS 45:2021/HTP and is quality controlled under the ISO 9001:2015 Management System.

#### Characteristic.

Excellent adhesion on concrete.

Moisture-resistant, mold-resistant, alkali-resistant

A pleasant aroma, non-flammable, and non-toxic during construction due to the use of water as the solvent.

#### Specifications.

Color	Colorless
Solid content (post-mixing)	Min. 50%
Specific gravity	1.25 ± 0.05 g/ml
Theoretical coverage:	8 – 10 m <sup>2</sup> /kg for a 30 µm layer.
Mixing ratio (A/B)	4:1
Paint film thickness:	Wet thickness: 60 µm Dry thickness: 30 µm
Drying time:	Face dry: After 4 hours. Dry feet: After 16 hours.
Fully dry and ready for use:	After 5 days
Recoating Time:	A minimum of 12 hours.

Lifetime:	45 minutes
Diluent/Cleaner:	Purified Water
Dilution ratio:	2% (by mixed weight)

### **Suggested coating system.**

CADIN water-based epoxy primer	1 to 2 layers.
CADIN water-based epoxy coating	2 layers

### **User Guide.**

*Surface preparation:* The surface designated for painting must be clean, dry, and devoid of grease and contaminants.

New concrete surfaces should cure for 21 to 28 days prior to painting (under normal conditions). Humidity must be below 16%.

<b>Paint substrate</b>	<b>Recommendation</b>
Concrete	The compatible paint coat is clean, dry, and undamaged according to SSPC SP 13/NACE No. 6/ASTM D4258-05

*Application:* Thoroughly mix part A using a mixer. Gradually add the hardener (part B) to the part A container in a ratio of 4 parts A to 1 part B. Stir the mixture thoroughly for approximately 3 minutes until it achieves a homogeneous consistency.

***The blended mixture should not be left for more than 45 minutes.***

### **Tool.**

Brush, Roller, Spray Gun, Mixer

### **Pack.**

Products are encased in plastic containers:

20 kg/1 set with 16 kg A and 4 kg B

5 kg/1 set with 4 kg A and 1 kg B

1 kg/1 set with 0.8 kg A and 0.2 kg B

Store in a cool, dry location. Avoid exposure to heat and flames.

### **Note.**

Thoroughly mix prior to use.

Drying time is influenced by temperature, humidity, and the ventilation of the work environment. Elevated temperatures and adequate ventilation facilitate a more rapid drying process for the paint.

### **Health and Safety.**

Keep out of children's reach.

Ensure adequate ventilation during application and drying. Avoid inhaling paint dust.

Wear protective goggles while working. If paint enters the eyes, rinse thoroughly with water and seek medical attention without delay.

Utilize soap and water to remove paint that has come into contact with your skin.

Avoid pouring paint into drains or water sources.

***Expiry date: 24 months***

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***This information sheet is issued by Hop Thanh Phat and supersedes earlier publications.***