# **EKORENOV**



Safety sheet no. 178 Technical sheet no. 178 Version: August 2023

# ALL-SUBSTRATE HIGH-RESISTANCE ANTI-RUST DECORATION AND RENOVATION POLYURETHANE RESIN



#### **Key Features:**

- ⇒ Very trendy: lacquered mat, satin or gloss aspect
- ⇒ All tints possible in a tinting machine
- ⇒ Environmentally friendly
- ⇒ Health performance: Food grade, Toy standard
- ⇒ High resistance to cleaning and leaching
- ⇒ Bonding without primer on all substrates, even rust
- $\Rightarrow$  Tools wash out with water
- ⇒ Anti-corrosion principle
- ⇒ Anti-static and anti-dust

Environment	Sanitary	Performance	Cleaning	Equipment	Destination	Colours	Consumption
A+ EXCELL	PV alim. Se de 17-40	ANTI RUST  PV Intemp. a uv	į		int.	MAT NATED	10 to 12 m <sup>2</sup> /L

# Area of application

**EKORENOV** is an all-substrate water-based two-component polyurethane finishing resin (excluding floors), odourless, of matt, satin or gloss aspect, environment-friendly and user-friendly. This resin is more particularly intended for renovating indoor walls (solicited), furniture (sanitary, kitchen), concrete, glass fibre, rigid PVC, tiling, natural wood or painted wood, beams, cladding, machine tools (industry).

EKORENOV is highly aesthetic, has a perfectly smooth film and can be tinted in a CIMCOLOR tinting machine.

**EKORENOV** has an anti-corrosion principle allowing you to paint metal, an adhesion promoter allowing it maximum adherence on many substrates without a primer (suitable prepared).

**EKORENOV** can be used indoors and outdoors.

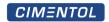
For all other substrates: ask Cimentol Paints for advice on info@cimentol.fr

#### Procedure

### 1. Preparation of the background

**EKORENOV** is applied to many bare or painted substrates. Roughen the surfaces by sanding, degrease and rinse. Application on dry, sound and coherent substrate. On an excessively closed substrate, apply WATPRIM primer to provide an even better guarantee of durability.

EKORENOV is a finishing lacquer, all drafts and dust should be avoided in order to obtained a perfect finish.



#### 2. Use of EKORENOV

**EKORENOV** is a two-component resin. Mix part A with part B with a small spatula until a perfectly homogeneous mixture is obtained (about 5 mn), making sure to scrape the edges and the bottom.

Apply with a dense foam roller, spalter brush or low-pressure gun. Small defects can be smoothed out after with the brush. For better resistance, apply a second coat 24H later.

#### 3. Recommendations for use

- Do not apply on silicone and plastic.
- Use quality equipment for application.
- Use of several pots: do not mix at the same time.
- Stake out your substrate well in order to avoid reworking.
- Making a partial mixture of the base and of the hardener is highly recommended. This can result in rapid degradation of the hardener in contact with air and moisture.
- On a work surface or a surface subjected to mechanical aggression, it is highly advised that you cover it with the **EKORENOV** varnish.

# Technical data

Aspects	Mat, Satin and Gloss			
Gloss level	Matt:			
	Satin:			
	Gloss:			
Colour	White and tinting bases (semi-white and neutral base)			
Main component	Hydro polyurethane			
Packaging	0.5L - 1L - 3L - 10L			
Consumption	10 to 12 m <sup>2</sup> /L			
Destination	All substrates indoors and outdoors			
Density	1.1			
Base/Hardener ratio				
Pot Life	1h to 1h30 at 20°C			
Drying time	Dust free: 30 minutes			
	Handling: 2 to 4 hours			
	Coatable: 6 hours			
	Through-drying: 7 days			
Ambient working temperature	re 10°C <t°c<35°c< th=""></t°c<35°c<>			
Resistance to abrasion	Very good			
Resistance to chemical	Excellent			
aggression				
Application equipment	Lacquer brush, dense foam roller, airless gun			
Cleaning of the equipment	Water			
Dilution	Water			
Storage	Keep from freezing and away from high temperatures			
Classification	AFNOR, family 1 class			
Food grade	RE-16/02275 of 15 February 2016			
Excell + Label	Certificate No. 2016-11-035-01			
VOC level	ategory (j/a)			
	Limit value in UE 2010 is 150gr/L			
	This product contains less than 6gr/L			
Safety data sheet	Available by fax or Internet on www.cimentol.fr			

# Precautions for use

- Safety/hygiene: non-flammable; keep out of the reach of children.
- Comply with the instructions on the labels and safety sheets.
- Usual reserves: indirect contact. Ventilate during and after application. Do not use in a confined area. Wear suitable
  protective equipment.





Standard NF P 74 – 201 and 2, ref. DTU 59.1 "paintwork" defines the professional rules for preparing substrates. It is the responsibility of the applicator to ensure compliance with these rules, because they are engaging their liability.

Contains more than 0.1% free polymeric Diisocyanates. All users are required to take the training on <a href="https://www.safeusediisocyanates.eu">www.safeusediisocyanates.eu</a>

For professional use only

