

DECOPOX

CIMENTOL

DECORATIVE EPOXY COATING FOR TINTING, SMOOTH OR FLOAT (FLOOR, WALL, FURNITURE, ETC.) WAXED CONCRETE EFFECT

Safety data sheet no 209
Technical data sheet no 209
Version: November 2023



Main characteristics:

- ⇒ **Excellent adhesion, and mechanical and chemical resistance**
- ⇒ Decorative: smooth or float-finished
- ⇒ Many decoration options: can be machine-coloured
- ⇒ Extremely hard
- ⇒ Water-adjustable (self-spreading)
- ⇒ For use on floors and walls, furniture, shower trays
- ⇒ Can be easily repainted
- ⇒ Odourless and solvent-free
- ⇒ Simple: Ready for use after adding hardener
- ⇒ Rapid return to normal traffic

Environment	Safety	Performance:	Cleaning	Material	Purpose	Colours	Consumption
						White and neutral base	 0.8 to 1.5 kg/m ²

Application area

DECOPOX is a mass-coloured finishing coat with a main binder in epoxy resin for decorative floor and wall coverings with a waxed concrete effect.

Its epoxy formula makes it extremely hard-wearing, and it can be used in private homes, trade and industry.

DECOPOX can be used in a wide range of applications:

- Floors: can be used on a wide range of clean, sound, dry, solid and cohesive substrates: concrete, liquid screeds, traditional screeds, tiles, etc. (ask us about special cases).
- Walls: sound, dust-free and cohesive rendering with appropriate primer.
- Furniture and miscellaneous: a wealth of development possibilities to create a decorative interior on demand:
 - Kitchen worktops
 - Vanity units
 - Bar worktops
 - Tables and small items of furniture
 - Stairs, shower trays

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

How to use

1. Surface preparation

DECOPOX can be applied to many types of clean, sound floor surfaces (free of dust, grease and moisture).

For all prepared surfaces:

- Apply **DECOPOX Primer**: 4 to 8 m²/L (depending on porosity). If necessary, add reinforcing silica filler (use a roller).

- To cover existing tiling: first apply **RAGREAGE RX30** alone or **DECOPOX primer** with **fumed silica**, depending on the shape of the tiles and the width of the joints.

2. Preparation of DECOPOX

DECOPOX should be applied within 12 to 24 hours of priming.
Use a high-powered mixer (about 1000 W)

3. Application

On a surface prepared as required by its condition and properties, after any necessary treatment by sanding off laitance, planimetric defects, clogged tile joints, etc.

Observe consumption limits (between 0.800 kg minimum and 2 kg/m² maximum).

Type of finish	Primer	DECOPOX 1st phase	DECOPOX 2nd phase	Protection
Horizontal smooth waxed concrete formula (floor)	DECOPOX Primer 8 to 10 m ² /L	From 0.8 kg to 1.5 kg/m ² max with a CIMENTOL notched trowel or smoother.		DECOPOX varnish or DECOPOX wax 2 to 3 coats (wet room, varnish)
idem Waxed concrete formula Smooth with effects Light on the floor	DECOPOX Primer 8 to 10 m ² /L	From 0.8 kg to 1.5 kg/m ² max with a CEMENTOL notched trowel or smoother.	200 g to 400 g/m ² with a float or smoother With the addition of EXTENDER: 0.30% to 0.50%: or 3 to 5 g/kg	DECOPOX varnish or DECOPOX wax
idem Waxed concrete formula With more pronounced surface effects on floors and walls	DECOPOX Primer 8 to 10 m ² /L	From 0.8 kg to 1.5 kg/m ² max with a CEMENTOL notched trowel or smoother.	250 g to 400 g/m ² with a float or smoother and the addition of EXTENDER: 1% to 1.20% or 10 to 12 g/kg	DECOPOX varnish or DECOPOX wax
Waxed concrete formula for vertical surfaces (walls, steps, furniture)	DECOPOX Primer 8 to 10 m ² /L	250 g to 350 g/m ² with a DECOPOX float or smoother and the addition of EXTENDER 1% to 1.20% or 10 to 12 g/kg		DECOPOX varnish or DECOPOX wax

Other possible decorative applications will be covered during the training course.

4. Essential recommendations

- Respect the recommended consumption. Excessive consumption can lead to cracking or bubbling; under-consumption leaves traces of comb or float (due to absence of self-smoothing).
- Respect the pot life.
- DECOPOX is a decorating product for professionals; for optimum and successful use, users should undergo product training with a Cimentol-approved applicator. (Consult us) If this is not the case, no claims or liability will be accepted by Cimentol.
- The application method may cause the shade to vary, depending on the tool used or the force exerted on the tool.
- It is essential to work with the same production bath for the final coat.
- Check that the surface is in sound condition and carry out the preparatory works in accordance with the table in the FLOOR SYSTEM file.
- Pour all the hardener into the base.
- Respect the technical data below for ventilation, temperature, humidity, etc.
- In damp, cold weather, we recommend blowing warm air into the room for a few hours.



Technical data

Finishes	Paste-like product
Colour	White and neutral base
Sheen	
Main component	Water-soluble 2-component epoxy resin
Packaging	1 kg – 5 kg – 20 kg
Extender packaging	0.5L pot for the 1kg pot 1L pot for the 5kg drum 3L pot for the 20kg drum <i>1 pot for a tub for vertical application or effect</i>
Consumption	0.8 to 1.9 kg for horizontal application 250 to 350 g for vertical application
Purpose	Interior
Density	Base: 1.70 Hardener: 1.05
Base/Hardener weight ratio	
Pot life	45 minutes
Drying time	Dry: 10 to 12 hours Can be painted over: 24 to 48 hours
Ambient working temperature	13°C < ambient T° < 35°C Relative humidity < 80%
Surface temperature	10°C < surface T° < 30°C
Application equipment	DECOPOX spatula, float or trowel depending on substrate and desired effects
Equipment cleaning	Water
Dilution	Max 1%
Storage	Protect from frost
Classification	AFNOR, family 1 class 6B
Resistance	<ul style="list-style-type: none"> ➤ Shore hardness (DIN53505) D95 ➤ Compression resistance 50 N/mm² ➤ Bending resistance (DIN 53452) 10 N/mm² ➤ Resistance to abrasion (UNI 8298/9) 20 mg ➤ Adhesion to substrate (ASTM D4541 at 20°C) > 2.5 N/mm² ➤ Resistance to cigarette burns (UNI 8298/7 Method A) ➤ Fire class: Class Bf (UNI EN 13501-1)
VOC level	<1g/L
Safety data sheet	Available by fax or internet at www.cimentol.fr

Precautions for use

- **Health and safety:** solvent-free, non-flammable; keep out of the reach of children, avoid prolonged contact with the skin, wash your hands frequently, do not consume.
- Containers stored at temperatures below 5°C should be brought to room temperature before use if possible to reduce viscosity.
- Follow the instructions on the labels and safety data sheets.
- Special training is required for application.

Observations

The application of this type of floor paint complies with DTU 59.3. It is the responsibility of the operator to ensure that these rules are met.

For professional use only