

EKOTOP BS RANGE

CIMENTOL












**BIO-SOURCED ACRYLIC URETHANE PAINT
AND FINISHES WITH HIGH ADHESION POWER
CARBON STOCKINGS
FOR INTERIOR AND EXTERIOR**

Technical Data Sheet no. 012bis
Date: October 2023



Key Features:

- ⇒ New formula based on bio-based urethane resin sourced in the aqueous phase and renewable natural materials.
- ⇒ Excellent tension and filling power, optimal opacity in primer, white and colour
- ⇒ **Low Carbon footprint**
- ⇒ Printing: High adhesion power on all substrates – penetrating
- ⇒ Finish: available in matte, velvet, satin and glossy
- ⇒ Very high scratch and friction resistance thanks to urethane resin
- ⇒ Odourless, very low VOC
- ⇒ Quick drying = quick availability of the treated rooms
- ⇒ Ready to use
- ⇒ AIR QUALI function (by addition of Air Quali soludose) which captures and destroys indoor pollutants such as formaldehydes, hexaldehydes and acetaldehydes

Environment	Sanitary	Performance	Cleaning	Equipment	Destination	Colours	Consumption
  		Wet Abrasion Class 1		  	 	White & Tinting bases	 <p>PRIMER & GLOSS: 10 to 14 m²/L</p> <p>MATT, VELVET and SATIN: 9 to 12m²/L</p>

Area of application

The EKOTOP BS is a range of universal water-based acrylic urethane prints and paints for indoor and outdoor use. It applies to all substrates of new buildings or renovations.

It has excellent hiding power and leads to a perfectly taut and resistant film.

The EKOTOP BS is food grade and can be used in the public sector (canteen, bathroom, kitchen, etc.) or in private homes.

It can be applied to typical media:

- Masonry, plaster and derivatives
- Wood
- Iron, galvanized steel
- PVC
- Primer-coated metals, printed wood, printed plaster, printed cement

On porous substrates, apply the EKOTOP BS PRIMER undercoat beforehand.

The product can also be used on surfaces that are slightly damp to the surface.
On ferrous metals, it is mandatory to apply a rust-proofing primer such as NEXOLUTION U/H or AQUA beforehand.

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

By the addition of AIR QUALI Soludose, EKOTOP BS can be made depolluting indoor air (recovery of formaldehydes, hexaldehydes and acetaldehydes).

Procedure

The **EKOTOP BS** is ready to use.

1. Preparation of the background

The substrate must be clean, sound, dry and solid, not exposed to rising damp.
Roughen the paints via alkaline leaching, rinse and allow to dry.

2. Use of EKOTOP BS

Although it is ready to use for application with a brush or roller, a 1 to 2% dilution with water may be desirable on porous substrates for the first coat.

For application with an airless gun, use about a 5 to 10% dilution with water.
Allow to dry **thoroughly** before covering with a finish paint.

BACKGROUNDS TO BE PAINTED	PREPARATION OF THE BACKGROUND	PRINT	FINISH
Plaster and dry derivatives Concrete and new derivatives	De-nibbing Dust removal	One primer coat of EKOTOP BS PRIMER	Two coats of EKOTOP BS MATT, SATIN, VELVET or GLOSS
Wood and new derivatives	Sanding Stripping Dust removal	One primer coat of EKOTOP BS PRIMER	Two coats of EKOTOP BS MATT, SATIN, VELVET or GLOSS
Old paint in good condition	Leaching Sanding if necessary		Two coats of EKOTOP BS MATT, SATIN, VELVET or GLOSS
Old paint in poor condition	Stripping, if needed Dust removal	One primer coat of EKOTOP BS PRIMER	Two coats of EKOTOP BS MATT, SATIN, VELVET or GLOSS
Ferrous metals	Elimination and passivation of the rust with KARAX or PASSIVATOR	A coat of NEXOLUTION U/H	Two coats of EKOTOP BS MATT, SATIN, VELVET or GLOSS

3. Special instructions

Although it is ready to use for application with a brush, roller (microfibres highly recommended), a 5 to 10% dilution with water may be desirable on porous substrates for the first coat.

For application with an airless gun, use about a 3 to 5% dilution with water.

Allow to dry thoroughly before covering with a finish paint.

Technical data

Aspects	Primer: Smooth matt Finish: Matt, Velvet, Satin, Gloss				
Colour	Opacifying white and neutral base				
Main component	Acrylic urethane containing 53% bio-based carbon (NF EN 16640)				
Packaging	1L - 3L - 10L				
Consumption	Primer	Matt	Velvet	Satin	Gloss
	10 to 14 m ² /L	9 to 12 m ² /L	9 to 12 m ² /L	9 to 12 m ² /L	10 to 14 m ² /L
Destination	Indoor / outdoor				
Humid abrasion classification	Class 1 according to DIN EN 13300				

Density	Primer	Matt	Velvet	Satin	Gloss	
	1.35 +/- 2%	1.4 +/- 2%	1.27 +/- 2%	1.23 +/- 2%	1.18 +/- 2%	
Dry matter		Primer	Matt	Satin	Velvet	Gloss
	Weight	55% +/-0.2%	52% +/-0.2%	56% +/-0.2%	53% +/-0.2%	62% +/-0.2%
	Volume	42% +/-0.2%	34% +/-0.2%	44% +/-0.2%	35% +/-0.2%	53% +/-0.2%
Drying time	Dust free: 30 minutes Dry: 1 hour Coatable: 3 to 4 hours					
Gloss level	Primer at 20°	Matt at 20°	Velvet at 20°	Satin at 60°	Gloss at 85°	
	3	0	11	30	65	
Ambient working temperature	From 10°C to 35°C					
Application equipment	Brush (synthetic fibres), roller (10 mm woven microfibre), airless gun					
Cleaning of the equipment	With water					
Dilution	With water					
Storage	Dry place, keep from freezing					
Classification	Primer: Family 1 class 7B2 Finish: Family 1 class 7B2					
Food grade	IANESCO No. E22-40463					
Environmental label	Eligible for ECOLABEL requirements for the formulation part in performance					
% by weight of bio-based carbon according to EN16640 + natural and mineral raw materials	Primer	Matt	Velvet	Satin	Gloss	
	55 (+ - 2)	59 (+ - 2)	49 (+ - 2)	35 (+ - 2)	27 (+ - 2)	
Carbon 14 level	Meets the ATSM D16640 test methods which allow a product to be analysed and determine the bio-based content with carbon-14 dating (CIRAM Lab)					
Emission into indoor air	A+					
CMR	No carcinogenic, mutagenic and reproductive toxin compounds, class 1 and 2 (in accordance with the order of 30/04/2009)					
Excell Label	Green Zone Certificate 192-25782					
VOC level	<1gr/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.

Observations

Standard NF P74-201 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.

For professional use only