

# NEXOL HYDRO

**CIMENTOL**

**WATER-DILUTABLE BIO-BASED URETHANE RESIN  
SINGLE-COMPONENT FLOOR PAINT  
LOW CARBON  
FOR INTENSE DOMESTIC TRAFFIC**



Safety sheet no. 222  
Technical sheet no. 222  
Version: December 2023

## Key Features:

- ⇒ Low Carbon footprint
- ⇒ High resistance and durability against abrasion
- ⇒ Excellent adherence on all sound substrates
- ⇒ Biodegradable in the liquid state
- ⇒ Free of oil products to 81%
- ⇒ Quick drying
- ⇒ Odourless

Environment	Sanitary	Performance	Cleaning	Equipment	Destination	Colours	Consumption
   						White and neutral base	 9 to 11 m <sup>2</sup> /L

## Area of application

**NEXOL HYDRO** is a Premium quality bio-base urethane resin paint in the aqueous phase for worksites that are environmentally friendly. Intended for protecting and decorating solicited floors and walls (type: intense traffic)

**NEXOL HYDRO** can be used indoors as well as outdoors and is very easy to apply on floors of concrete, wood, coatings, PVC, old paint. **NEXOL HYDRO** is perfectly suited for parking floors, cellars, balconies, service stairwells, etc.

For any other area of application: ask Cimentol Paints for advice on [info@cimentol.fr](mailto:info@cimentol.fr)

## Procedure

### 1. Preparation of the background

- Apply to porous degreased substrates (use **NEPSOL**, see the technical sheet) that are clean and coherent. Check with us for use on asphalt.
- On old adherent and sound paint, sand slightly to roughen the substrate.
- On doubtful substrates, apply our universal primer **WATPRIM** (see technical sheet).

### 2. Preparation of NEXOL HYDRO

- NEXOL HYDRO** is ready to use.
- If the substrate is porous, add 3 to 5% water in the first coat, the second coat will be used pure.
- Comply with an interval of 4 hours between the coats.

### 3. Finishing/Maintaining

- Anti-skid finish: in order to reinforce the non-skid nature of your floor, it is recommended to sprinkle our **anti-skid silica MG** (100 to 150 g/m<sup>2</sup>) on the first coat of the product. Sweep before passing the second coat without silica.

#### 4. Recommendations for use

- Check the durability of the substrate and conduct the preparation operations in accordance with the table in the **FLOOR SYSTEM** file
- Comply with the technical data below concerning temperature, humidity, etc.
- Use of the product indoors or outdoors under cover
- It is important to work with the final coat with the same manufacturing bath in order to avoid reworking.

#### Technical data

<b>Aspect</b>	Satin and gloss			
<b>Colour</b>	White and neutral base			
<b>Gloss level</b>	Satin at 60°		Gloss at 85°	
	25		65	
<b>Main component</b>	Bio-base urethane resin			
<b>Packaging</b>	1L, 3L, 15L			
<b>Consumption</b>	9 to 11 m <sup>2</sup> /L			
<b>Destination</b>	Indoor – outdoor			
<b>Humid abrasion classification</b>	Class 1 according to DIN EN 13300			
<b>Density (+ - 0.03)</b>	Satin		Gloss	
	White and black	Neutral base	White and black	Neutral base
	1.23 / 1.20	1.1	1.19	1.06
<b>Dry matter % (+ - 1)</b>	Satin		Gloss	
	Weight	42	44	
	Volume	32	34	
<b>Drying time</b>	Dust free: 30 minutes Coatable: 4 hours Can be walked on (pedestrians): 24 hours Intense traffic: 48 hours			
<b>Ambient working temperature</b>	Min. > 8 °C (if lower, no drying) Max. < 28°C Relative humidity < 80%			
<b>Temperature of the substrate</b>	Temp. substrate > 3°C above dew point			
<b>Application equipment</b>	Brush, roller (sheep hair) or gun			
<b>Cleaning of the equipment</b>	Water			
<b>Dilution</b>	Water			
<b>Storage</b>	Keep from freezing			
<b>Classification</b>	AFNOR, family 1 class 6B			
<b>Food grade</b>	IANESCO E22-40462			
<b>Environmental label</b>	Eligible for ECOLABEL requirements for the formulation part in performance			
<b>% by weight of bio-based carbon according to EN16640 + natural and mineral raw materials</b>	Satin		Gloss	
	81 (+ -2)		83 (+-2)	
<b>Carbon 14 level</b>	Meets the ATSM D6866 test methods which allow a product to be analysed and determine the bio-based content with carbon-14 dating (CIRAM Lab)			
<b>Emission into indoor air</b>	A+			
<b>CMR</b>	No carcinogenic, mutagenic and reproductive toxin compounds, class 1 and 2 (in accordance with the order of 30/04/2009)			
<b>Excell Label</b>	Excell green zone – Certificate No. 223-69693b			
<b>VOC level</b>	Limit value in UE (cat. A/i:140 g/L (2010) / 14gr/L			
<b>Safety data sheet</b>	Available by fax or Internet on <a href="http://www.cimentol.fr">www.cimentol.fr</a>			

#### Precautions for use

- Safety/hygiene: flammable; keep out of the reach of children, avoid prolonged contact with the skin, wash hand frequently, do not ingest.
- 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.
- For professional use only.

## Observations

Application of this type of product falls under DTU 59.3. It is the responsibility of the applicator to ensure compliance with these rules, because they are engaging their liability.

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