

NEXOLUTION U/H



Safety sheet no. 014
 Technical sheet no. 014
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**BONDING AND INSULATING PRIMER FOR
 SPECIAL LOW-CARBON SUBSTRATES
 BIO-BASED URETHANE RESIN FOR
 INDOOR/OUTDOOR USE**



Key Features:

- ⇒ Bio-based urethane resin for high environmental quality worksites
- ⇒ Low Carbon footprint
- ⇒ **High adhesion power on all substrates (glass, varnish, etc.)**
- ⇒ **Multi-substrate power**
- ⇒ Anti-corrosive and highly opacifying, it can be used as a finish
- ⇒ Water-thinnable and odourless
- ⇒ Excellent resistance to wear and harsh climates
- ⇒ Very easy to use – Exists in tinting bases for opacifying undercoat
- ⇒ Ready to use

Environment	Sanitary	Performance	Cleaning	Equipment	Destination	Colours	Consumption
 						White and neutral base	 9 to 12 m ² /L

Area of application

NEXOLUTION U/H is a multi-substrate bio-based urethane resin bonding paint for indoor and outdoor use, allowing for demanding worksites in terms of bonding performance, but also à high environmental quality.

With its smooth matt aspect, anti-corrosion and highly opacifying properties, **NEXOLUTION U/H** can be used as a finish.

With a low VOC level and of Green Line formulation (bio-based raw materials), **NEXOLUTION U/H** is odourless, water-thinnable and environmentally friendly.

Designed for multiple uses, it is applied on all substrates in new or renovated buildings.

NEXOLUTION U/H is also an insulator.

Very easy to apply, it forms a smooth and hermetic film.

It can be machine tinted to make an opacifying undercoat.

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

	NEXOLUTION U/H
Tiling	X
Dry cement	X
Emulsion	X
Fibre-cement	X
Powdery substrate	X
Isorel	X
Stone - Plastic	X
Polystyrene - PVC	X
Stratified	X
Varnish	X
Glass	X

Cladding	X
Dural stainless steel Aluminium	X
Iron	X
Ferrous and non-ferrous metals	X
Absorbent wood	X
Softwood	X
Exotic wood	X

Procedure

NEXOLUTION U/H is ready to use

1. Preparation of the background

The substrate must be clean, sound, dry and solid, in accordance with DTU 59.3.

For closing up substrates, use mixed coatings.

2. Use of NEXOLUTION U/H

Although it is ready to use for application with a brush or roller, 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 5 to 10% dilution with water.

Allow to dry thoroughly before covering with a finish paint.

Technical data

Aspects	Smooth matt
Colour	Opacifying white and tinting bases
Gloss level at 20°/60°/85°	1 / 1 / 2
Main component	Urethane containing 53% bio-based carbon (NF EN 16640)
Packaging	1L – 3L - 15L
Consumption	9 to 12 m ² /L
Destination	Indoor / outdoor
Density (+ - 0.03)	1.50
Dry matter % (+ - 1)	Weight 70
	Volume 40
Drying time	Dust free: 30 hours Dry to the touch: 1h30 to 2 hours Coatable: 4 hours
Ambient working temperature	10°C < T° < 35°C
Application equipment	Brush, roller, airless gun
Cleaning of the equipment	Water
Dilution	Water
Storage	Keep from freezing
Classification	Family 1 class 4A
Environmental label	Eligible for ECOLABEL requirements for the formulation part in performance
VOC level	Limit value in UE (cat. A/i:140 g/L (2010) / 14gr/L). This product contains at most 20g/L VOC.
% by weight of bio-based carbon according to EN16640 + natural and mineral raw materials	74 (+ -2)
Carbon 14 level	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)
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	Certificate 223-69693d
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
