

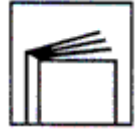


LOGGIA
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TECHNICAL DATA SHEET

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0.01



Vita Nuova Industrial

EPOXY WATER ENAMEL

General Characteristics

Composition:	Two-component epoxy water enamel for interiors with low solvent content, low thickness, for concrete floors with light wheeled traffic
Recommended usage:	Concrete floors, masonry, ceramic tiles, glass, stainless steel and galvanized sheet.

Application

Surface Preparation :

a) On new concrete:

Verify the state of maturation of the support which is 28 days after application, verify the absence of excessive humidity (<4%) and efflorescence.

Clean thoroughly, wash the surface with a solution of 10% hydrochloric acid to roughen the surface in order to favor the adhesion of the paint.

Wait until the bubbles have disappeared from the surface and then wash with water and allow to dry.

Please note: if the surface is polished you have to make it opaque with suitable mechanical means to remove the milk of concrete formed during the application.

Apply 1 coat of Vita Nuova I. diluted 40 - 45% with water. Apply 1 coat

of Vita Nuova thinned 20 - 25% with water.

b) On old concrete:

Remove all inconsistencies using the systems considered most suitable.

Attention: in case of oil and grease in the traffic lane of the garage provide for shot peening.

Apply 1 coat of Vita Nuova I. diluted 40 - 45% with water.

Apply 1 coat of Vita Nuova I. thinned 20 - 25% with water.

Warning: When present microcrazing they must be finished with suitable mortar.

c) Ceramic tiles:

wash carefully with detergent or ammonia solutions. Rinse with water and dry thoroughly.

Apply 1 coat of Vita Nuova I. diluted 40 - 45% with water.

Apply 1 coat of Vita Nuova I. thinned 20 - 25% with water.

d) New and old plasters :

Wait for maturation and drying. Sand carefully by removing any old coats of paint not anchoring.

Apply 1 coat of Vita Nuova I. diluted 40 - 45% with water.

Apply 1 coat of Vita Nuova I. thinned 20 - 25% with water.

e) Lamiera zincata, acciaio inox e vetro :

Wash carefully with detergent and abrasive stone. Rinse with water and dry thoroughly

Apply 1 coat of Vita Nuova Industrial diluted 40 - 45% with water..

Technical Instructions

Application methods:



First coat 40-45% with water Second coat 20-25% with water

AT THIS STAGE IT MUST NOT BE USED MECHANICAL SHAKERS BUT SLOWLY MIX WATER BY HAND

Temperature of application:	+10 ÷ +30	°C
Air relative humidity:	max 80%	
Recommended thickness:	50 ÷ 60	µm per coat

Pause between the 1st and 2nd coat from 9 to 24 hours respecting the optimal conditions

T °C	Interval from applications	Walkable	Completely cured
+10 °C	24 hours	3 days	12 days
+20 °C	12 hours	2 days	8 days
+30 °C	8 hours	2 days	6 days

Preparation of the product

Mix by hand thoroughly component A + component B + water and wait 5 minutes before applying.

Colouring

Color Chart and L'Angelo.

Technical Properties

Medium Density component A 1,44 Kg/l component B 1,13 Kg./l

Mixing ratio : by weight: Component A 100 gr

Component B 30gr:

Solid content of the mixture: in volume 50 % +/-2

Pot-life (to be used within) 2 hours at 20 °C. It decreases when temperature increases.

Warning: after this period do not use the product.

Theoretical yeald: 6-7 mq/l per coat (thickness 55 micron) according to the surface.

We recommend to make a preliminary test on site

Medium thichness: 55-65 micron per coat

Film appearance : Gloss

Overlaying minimum 8 hours, maximum 24 hours at 20 °C

Storage



Shelf-life: not less than 2 years original tightly closed, store away from direct sun and excessive heat.

The can should be resealed and stored tightly closed to prevent evaporation or air entry. Store it upside down after use.



Min storage temperature: +5°C (41°F)

Max storage temperature: +30°C (86°F)

Safety Precautions

For all information regarding product use and correct product disposal please refer to Safety Data Sheet.

Properties: *Vita Nuova Industrial* has an excellent coverage and filling. Excellent resistance to wheeled traffic, good resistance to common chemicals such as motor oil, gasoline, neutral detergents, alkaline and slightly acidic (such resistance is not intended for continuous immersion).

Easy to apply, good appearance, good wear resistance.

Good chemical resistance, dust-proof, easy to clean.

Permanent exposition (without simultaneous chemical aggression)	Dry heat
Permanent	50°C
short term maximum 12 hours	80°C
short term maximum 6 hours	100°C

Temporarily resistant to wet heat up to 80 ° C with steam
cleaning

Attention: avoid painting floors that present high humidity, salt deposits, damaged areas and all the symptoms that indicate the presence of hydraulic counterthrusts. Do not use the product catalyzed passed the two hours, do not mix it with fresh product, not dilute it after this time. Do not overcoat after the recommended times without a good sanding. If the product is applied to the outside it will tend chalking without losing its strength characteristics.

Proper ventilation: During the application and drying must be ensured a good air circulation, avoiding the currents. The different material application, high air humidity or too low and low temperatures can affect the final appearance and cause subsequent damage. In low or poorly ventilated areas, relative air humidity increases rapidly because of the water evaporated during the application and drying. Do not enter hot air which can cause condensation. In environments that are not well ventilated use dehumidifiers; we recommend the use already a few hours before working. An insufficient ventilation during the drying phase could lead to differences in the gloss of the paint.

N.B. if you want to have a non-slip finish, you can sprinkle silica sand over the first coat immediately after application.

Warnings

All information contained in this data sheet are based on our technical knowledge. However these indications could not have a value of guarantee for applicator considering that conditions of applying of product is out of our control. It is advisable make sure of suitability of the product making preliminary test.

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9001:2000.**

