InoPaz H2O

Patent pending

Innovative Waterborne, VOC-free two component polyurethane liquid membrane for Coating and for Waterproofing.

- Creates high thickness in one coat
- Long pot life
- High UV resistance
- Cost effective compared to other PU solutions
- Environmentally friendly
- Alga & fungi resistance

InoPaz H2O is a two component waterborne polyurethane material for coating and for waterproofing.
InoPaz H2O features short tack free time and excellent adhesion to different surfaces.
InoPaz H2O is resistant to extreme temperatures and to extreme environmental conditions, features excellent solar reflectivity and emissivity properties.
InoPaz H2O compliance with the requirements to use with drinking water according to the method of Australian standard AS/NZS 4020

The material is applied as a thick paste forming a seamless, decorative and flexible membrane that prevents water penetration and extends the life of the roof.

Product Uses

- Waterproofing and coating of existing and new roofs
- Waterproofing water tanks
- Waterproofing swimming pools

Benefits & Advantages
Rapid drying | Long pot life | Creates high thickness in one coat | Excellent adhesion properties | Excellent mechanical resistance | Resists to extreme temperatures | Saves the need of an additional white coat | Environmentally friendly | Easy application | High UV Resistance | High solar reflectance and infrared emittance | Low dust pickup

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Technical Properties

Description	Property		Standard
	Component A	Component B	
Appearance	White	Transparent paste	
Specific gravity	1.31	1.15	
	Product specific gravity 1.3		
Solid content	>64%	100%	
Mixing ratio by weight	20	1	
Pot life	3 hours		
Tack free time @25° & 55% RH	6 hours		
Coverage	2.5-3.5 kg/m^2 (4.6-6.6 gal/100 sq. ft)		
Dry film thickness	1.3-1.85 mm (52-74 mils)		
Application temperature	+5°C to 40°C (41-104°F)		
Heat stability	>120 °C (>248°F)		ASTM D 2939
cold flexibility	< -17 °C (< 1.0 °F)		ASTM D 522
Hardness	45-50 shore A		ASTM D 2240
Tensile Strength	>3.0 Mpa (426 psi)		ASTM D 412
Elongation at break	>200%		ASTM D 412
Resistance to water pressure	0.5 atm, 24 hr 7.35 psi, 24 hr		DIN 52123
Tear Resistance	130 N/cm (76 lbf/in)		ASTM D 624
Solar Reflectance	80%		ASTM C 1549
Infrared Emittance	85%		ASTM C 1371
Adhesion	Excellent to: concrete, Bituminous membrane, bitumen, Aluminum, Galvanized steel, asbestos, etc.		ASTM C 794

Instructions for use

Surface preparation

- All surfaces to which **InoPaz H2O** is to be applied must be sound, stable with an even finish and free from dirt, dust, loose debris, grease etc. All wires and pipes should be elevated.

Primer application

Before applying **InoPaz H2O**, apply a prime layer as follows:

I. Above bituminous membranes, concrete, Sprayed Polyurethane foam (*), Aluminum, Galvanized steel, asbestos and wood (*) surfaces:
Apply **Epoxy Primer XL-100** at quantity of: 100 – 300 gr/m^2.

II. Above PVC surfaces:
Apply **Super Primer** at quantity of: 100 – 300 gr/m^2

(*) Above Sprayed Polyurethane foam and wood deck surfaces, it is possible to apply InoPaz H2O as a prime layer:
- Dilute **InoPaz H20** with water at a ration of 1:1.
- Apply a prime layer of 100 – 300 gr/m^2

Application

1. Add component "B" into Component "A" container.
2. Mix the material for 2 minutes with a suitable mechanical stirring.
3. **InoPaz H2O** is applied by brush / squeegee / airless spray.
4. Apply minimum two layers at a total quantity of 2.5 – 3.5 kg/m^2
5. Let dry for 4-6 hours (according to weather condition).
6. Enable a complete dry of 5-7 days before footsteps. (According to weather condition).

Equipment care

Clean tools with water, preferable while the material is still soft.

Remark:

For each new project, it is recommended to ensure a soundness surface and to check the adhesion on site in advance.
Ensure an ambient temperature and air humidity during and after application until the material is completely dry.
Avoid freezing temperatures, or excessive moisture on the material before a complete dry.

Summary of Primers suitability:

Surface	Inopaz H2O diluted 1:1 with water	Epoxy primer XL100	Super Primer
Concrete		☑	
Bituminous membranes		☑	
SPF (Sprayed Polyurethane foam)	☑	☑	
Wood deck	☑	☑	
Aluminum		☑	☑
Galvanized steel		☑	☑
PVC		☑	☑
Asbestos		☑	☑

Packaging

Inopaz H2O is available in the following packages:
Component A: 20 kg. Pails
Component B: 1 kg Pails

Storage

- Store under cover out of direct sunlight and protect from extreme temperature.
- In tropical climates the product must be stored in an air-conditioned environment.
- In cold climates the product must be stored in heated environment (over 10°C).
- Do not freeze.
- Shelf life is 12 months when stored as above.

NOTE:
Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging.
For specific storage advice consult Pazkar Nor's representatives.

For Safety detailed instructions please refer to Pazkar Nor's safety sheets (MSDS)

Warranty

Pazkar's products are manufactured to rigid standards of quality. Pazkar makes no representations or warranties with respect to the accuracy or completeness of the contents of this publication and reserves the right to make changes to specifications and product descriptions at any time without notice. Users must always refer to the most recent issue of the local product data publication for the product concerned. The user of the product must test the product's suitability for the intended application and purpose. Due to differences in materials, substrates and site conditions Pazkar assumes no liability whatsoever, and disclaims any express or implied warranty, relating to its products including but not limited to, the implied warranty of merchantability, fitness for a particular purpose, nor any liability arising from any legal relationshipAll orders are accepted subject to our current inventory, terms and conditions of sale and delivery.

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