



ELASTOPAZ™

Water-based, Eco-Friendly, Bituminous Liquid Membrane for easy-to-use applications

Elastopaz is a single component Eco-Friendly Bitumen Polymer liquid membrane designed for multi purpose projects.

The product features excellent surface adhesion, ultimately creating a tough, seamless flexible waterproof membrane.

Elastopaz exhibits excellent elongation and recovery properties and is suitable for high rate airless spraying. In addition, Elastopaz can behave as a vapor-proof liquid membrane.

Elastopaz serves as a Radon gas barrier.



Seamless waterproofing ➤

High spraying rate ➤

Environmentally friendly ➤

High strength and elasticity ➤

Easily applied ➤

Excellent surface adhesion ➤

Radon-tight ➤

Product Uses:

- Underground structures
- Basements & cellars
- Wet rooms (e.g. bathrooms and dressing-rooms)
- Balconies

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Instructions for use

1. Surface preparation includes verifying that the surface is stable, clean, sound and free from dirt, dust, loose debris, oil, grease etc. Treat holes and protrusions using an appropriate cementitious mix.
2. It is possible to apply Elastopaz on damp (not wet) surfaces.
3. Prime porous surfaces (e.g. concrete) using Paz Primer, water based, diluted 1:1 with water, at a quantity of 250-300 gr/m² (0.55-0.6 lbs/ft²).
4. Use an airless spray, roller, brush, or squeegee to apply Elastopaz on the designated surface, and allow drying for about 2-4 hours, in accordance with the weather (esp. ambient temp., RH and sun exposure).
5. Prior to applying Elastopaz on a designated surface, make sure that the surface complies with the local required standards, including curing and early strength requirements.
6. When multiple coats are required, make sure that the first coat is dry before applying the subsequent one.
7. Prior to backfilling with soil or quarry materials (sand, gravel), make sure to protect the waterproofing layer.

Protect the waterproofing membrane with Pazdrain or Pazdrain Plus dimpled sheets. Installation of the sheets is required according to their respective TDS.

Make sure the compaction of the backfill is performed from a distance of 2m (6ft) from the wall using a manually vibrating hand held compactor.

Refrain from using heavy compaction machines in close proximity to the waterproofing membrane on the wall. The backfill should not contain any stones over 40 mm in diameter.

Waterproofing of horizontal layers should be protected with nonwoven geotextile with a CBR puncture strength over 1000 kN (225000 lbf) (BS EN ISO 12236), and a layer of screed or concrete.

A. Below Grade Waterproofing (good soil draining properties)

1. Apply by airless spray / roller / brush / squeegee, a first layer at 1.5-2.5 kg/m² (3.0-5.0 lbs/ft²).
2. Let dry for 6 hours.
3. Apply a second layer at a quantity of 1.5-2.5 kg / m² (3.0-5.0 lbs/ft²).
4. Let dry for 12 hours.

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B. Walls with dampness

1. Apply three layers at a total quantity of 3.2 kg/m² (6.4 lbs/ft²).
Apply clean sand on top of the final layer whilst still tacky.
2. Re-plaster using acrylic alkali resistant materials.

C. Wet Rooms (bathrooms etc.)

1. Apply two layers at 2-3 kg/m² (4-6 lbs/ft²) per each layer.
2. Make sure that the first layer is dry before the second layer is applied.

D. Covered roofs and verandas

1. Make sure that all surfaces are sound, stable with an even finish and free from dirt, dust, loose debris, grease etc.
2. Apply with a spraying machine / roller / brush / squeegee, a first layer at a quantity of 1.5-2.5 kg/m² (3.0-5.0 lbs/ft²).
3. Let dry for 6 hours.
4. Apply a second layer at a quantity of 1.5-2.5 kg / m² (3.0-5.0 lbs/ft²).
5. Let dry for 12 hours.
6. Cover with a nonwoven geotextile with a CBR puncture strength of over 1000 kN (225 lb) (BS EN ISO 12236)
7. Cover with a sound layer of screed or concrete while creating slopes towards the drains.

Equipment care

Clean tools using water and soap.

If the tools are covered with the products residue, scrape your tools using mineral turpentine (mineral spirit, white spirit).



Technical Properties

Description	Property	Standard
Appearance	Brown paste (Permanent black color)	
Specific gravity	1.16	
Solid content	65% +/- 2% (wt)	
Coverage	3.0-5.0 kg/m ² (6.0-10 lbs/ft ²)	
Dry film thickness	1.5-2.5 mm (60-100 mils)	
Flashpoint	Non flammable	
Application temperature:	+5°C to 40°C (41°F to 104°F)	
Heat stability	>90°C (194°F)	ASTM D 2939
Cold flexibility	<-13°C (<8 °F)	ASTM D 522
Low temperature flexibility and crack bridging	Pass Conduct @ -26°C	ASTM C 836
Tensile Strength	> 0.5 MPa (> 71 psi)	ASTM D 412
Elongation at break	> 600%	ASTM D 412
Resistance to water pressure	> 0.5 atm, 24 hr (>7.3 psi, 24 hr)	DIN 52123

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WATER-BASED LIQUID MEMBRANES

Water Vapor Permeance	0.45 perms	ASTM E 96
Water vapor transmission	2.0 m	SI 1731
Recovery	85%	ASTM D 412
Creep AT 80°C	No creep	DIN 52123
Resistance to water	Passed	ASTM D2939
Bacterial attack in soil 30 days 40°C	Passed	ASTM D 3083
Crack bridging	> 5 mm (>0.2 inch)	SI 1731

Limitations

- Do not use the product during rain or snow, or when rain is expected within the next 48 hours according to the weather forecast.

Packaging

Elastopaz is available in the following packages:

Open top 180 kg Drum

4.5 Kg bucket

18 kg bucket

5 Gallon bucket

Storage

- Store under cover out of direct sunlight and protect from high temperature.
- In tropical climates, the product must be stored in an air-ventilated environment.
- In cold climates, the product must be stored in a heated (over 10°C / 50 °F) environment.
- Do not freeze.
- Shelf life is up to 12 months when stored as abovementioned.

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's representatives.

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WATER-BASED LIQUID MEMBRANES

For Safety detailed instructions please refer to Pazkar's safety sheets (MSDS)



Warranty

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All orders are accepted subject to our current inventory, terms and conditions of sale and delivery.

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