

Fast-drying ELASTOMIX

A dual-component high-quality polymer modified bituminous, particularly fast drying waterproofing agent, designed for cold application by spreading.

Product description

Fast-drying Elastomix is a waterproofing bituminous agent modified with high-quality, dual-component polymer, with fast-drying action. The product consists of water-based bituminous paste (Component A) and an accelerator powder (Component B).

Product Uses

- ✓ Waterproofing underground spaces and elements such as: plinth walls, basement walls, foundation beams, retaining walls, floors and piles.
- ✓ Waterproofing hanging balconies.
- ✓ Waterproofing wet rooms' floors.
- ✓ Waterproofing external walls prior to stone cladding using the dry installation technique.
- ✓ Repair of existing waterproofing layers (such as RAPIDFLEX, ELASTOPAZ etc.).

Packaging

Component A 16.50 kg

Component B 1.50 kg



Advantages

- ✓ Fast drying with excellent workability
- ✓ Dry layer thickness may be built up to 4 mm (up to 5 kg/m²) in one coat without cracking.
- ✓ Quick and easy mixing of both components without creating lumps.
- ✓ Forms a strong, homogeneous, elastic, seamless waterproofing layer.
- ✓ Capable of bridging existing cracks.
- ✓ Excellent adhesion to concrete.
- ✓ Applicable for spreading on horizontal, vertical and gradient surfaces.
- ✓ Environmentally friendly, Green Standard Certified.
- ✓ Blocks Radon gas.

Technical Specifications

Test type	Test results	Testing techniques
	Component A - brown paste Component B - gray paste	
Specific weight	1.16 gr/ml	Mixed material
Solids percentage	> 65%	
Weight required to achieve 1 mm dry film thickness	1.2 kg/m ²	
Application temperature	>5°C	
Heat resistance	>90°C	ASTM D2939
Elasticity in cold temperature	< -10°C	ASTM D522
Tensile strength, MPa	> 0.2	ASTM D412
Elongation	> 400%	ASTM D412
Resistance to ponding water	Resistant	ASTM D2939
Resistance to water pressure	0.5 atm., 24 hours	DIN 52123
Blocks Radon gas migration	Blocks	
POT LIFT	Time (*)	After mixing
Initial drying time	6hours (*)	Dry to the touch
Final drying time	24 hours (*)	For flood test

(*) According to the thickness of the applied coat and the weather conditions.

Consumption

The following table illustrates the estimated surface (in M²) coverable by applying Fast-drying ELASTOMIX, according to the thickness of the final dry waterproofing layer:

Dry film thickness (mm)	2	3	4	5
A+B set	7.30	4.85	3.60	2.90
Application quantity (*)	2.4	3.6	4.8	6

(*) Quantity in kg/M².



Fast-drying ELASTOMIX

Method of Use

Surface Preparation

Verify that the surface to be waterproofed is clean and free of loose parts, dust, casting shells, concrete morsels, oil and any other foreign substance that may impact adhesion.

Holes should be filled with polymer modified grout. Holes in the concrete may result in bubbles after application, mainly in surfaces exposed to the sun.

Protruding concrete parts should be ground to the actual level of the concrete. Protruding concrete may result in material leaking after application.

Foundation layer - Primer

The primer should be applied on dry, smooth, clean bedding. Apply Pazkar's PAZ Primer (diluted at 1:1 in water, in accordance with the primer's application instructions) in a quantity of 300 gr/m².

Wait for about 2-3 hours until it is dry to the touch. Waiting time for drying may change according to weather conditions (humidity, temperature, etc.)

Preparing the material before application

Add the powdered Component B (small container) into Component A (large bucket) while slowly mixing Component A using an electric mixer. Mix the material thoroughly for about 2 minutes until a homogeneous uniform paste is achieved. The mixture may be used for about 30 to 60 minutes after mixing, respective of weather conditions.

Method of application

Fast-drying ELASTOMIX may be applied by spreading or brushing over any surface: horizontal, vertical, gradient.

A) Underground waterproofing

The recommended application rate for Fast-drying ELASTOMIX is 5 kg/m², allowing a recommended interval of at least 12 hours between coats, all respective of weather conditions.

After application is complete, allow the material to dry for about 24 hours, subject to weather conditions, before covering with refill.

Protect the waterproofing layer before returning the soil refill using a non-woven geotextile fabric, as aforementioned, in addition to different PazDrain type protective sheets marketed by Pazkar. Soil compaction is to be implemented only with a manual compactor up to a distance of 2 meters from the wall, as required in the Inter-Ministerial Specifications for construction jobs (chapter - 05).

The geotechnical fiber may be spread over the waterproofing layer while still soft, and fastened from above, and over the upper waterproofing level.

In any event, mainly in clay soil environments (even partial), use PazDrain FLT500 type protective sheets, to prevent the waterproofing system from being pulled downwards during soil filling and compaction around the building.

If the waterproofed structure is lower than the underground water level consult the project's waterproofing consultant and/or the manufacturer of the material.

Method of Use - continued

Method of application

B) Waterproofing wet rooms' floors (showers, bathrooms, etc.) and porches

We recommend applying Fast-drying ELASTOMIX in one coat at a rate of up to 5 kg/m², allowing it to dry for at least 24 hours, subject to weather conditions and the thickness of the applied coat. Protect the waterproofing layer before continuing works (flooring, etc.), using non-woven geotextile fabric.

Watertightness testing (flooding) is to be performed at least 48-72 hours from the application of the waterproofing layer.

c) Waterproofing external walls before stone cladding using the dry cladding technique.

We recommend applying Fast-drying ELASTOMIX in one coat at the rate of 2.4 kg/m², allowing at least 24 hours for drying, respective of weather conditions.

To prepare stone fixing pegs and other items required for execution, we recommend following Pazkar's special specifications for such works. Watertightness test (wall sprinkling) is to be performed at least 48 hours after the application of the waterproofing layer.

In any event involving a waterproofing planner or consultant, their instructions must be followed.

In the event of conflict between the instructions of the planner / consultant and this document, immediately alert all relevant entities.

Remarks

- ✓ Do not apply when the ambient temperature is lower than 5°C or exceeds 40°C.
- ✓ We recommend ventilating closed spaces during and following application.
- ✓ Do not apply when rain is expected within 48 hours from completion of application.
- ✓ Store in a ventilated, shaded place
- ✓ Do not store in temperatures lower than 5°C.
- ✓ Clean tools immediately after use with mineral turpentine made by Pazkar.
- ✓ Elstomiks is non-flammable and does not contain dangerous solvents.

Safety instructions

- ✓ **Not for human consumption**
- ✓ While using the material, personal protective equipment should be used (appropriate clothing, gloves, protective glasses / face mask).
- ✓ Wash your hands with soap and water immediately after use.



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

Warranty

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