

Easyflex

Polymer modified bitumen sealant for multi-thickness application in one layer

Product description

Easyflex a single-component water-based bitumen sealant modified with quality polymers, environmentally friendly and suitable for multi-thickness application in one layer.

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 before stone cladding using the dry cladding technique.

Other applications

- ✓ Waterproofing manholes and underground piping.
- ✓ Waterproofing walls made of concrete, blocks, cement, drywalls and more.

Packaging

18 kg pail | 5 kg pail



Advantages

- ✓ Before using the product please read the safety data sheet (SDS) that can be received in Pazkar LTD Company.
- ✓ Application of a single especially thick layer in one action.
- ✓ Forms a strong, homogeneous, elastic, seamless waterproofing layer.
- ✓ Able to bridge dynamic cracks.
- ✓ Excellent adhesion to concrete.
- ✓ Suitable for spraying and spreading.
- ✓ Quick and easy application.
- ✓ Green Standard Certified.
- ✓ Environmentally Friendly.
- ✓ Meets the requirements of European standard EN 15814 and the requirements of the general specification of Israel Roads.

Technical Specifications

Appearance	Test results	Testing techniques
Shade	Emulsion - Dark Brown, Outcome - Black	
Solids percentage	65%	
Specific weight (gr/ml)	0.97	
Weight required to achieve 1 mm dry film thickness	1.5 kg/M ²	
Application temperature	> 5°C	
Heat resistance	>110°C	IS 1430/3
Elasticity in cold temperature	<-15°C	ASTM D522
Tensile strength	0.5 MPa	ASTM D412
Elongation	200%	ASTM D412
Resistance to water pressure	5.0 atm., 24 hours	DIN 52123

Consumption

The following table shows the estimated area (in M²) that can be covered by applying Easyflex, according to the thickness of the final dry sealing layer:

Dry film thickness (mm)	2	3	4	5
Pail	6	4	3	2.4
Application quantity (*)	3	4.5	6	7.5

(*) Quantity in kg/M².

Method of use

Preparing the area

Verify that the surface to be waterproofed is clean and clear 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, especially in walls exposed to direct sunlight. Protruding concrete parts should be ground to the actual level of the concrete. Protruding concrete may result in material leaking after application.

Foundation primer layer

The primer should be applied on dry, smooth, clean bedding. Apply Pazkar's Paz Yesod (diluted at 1:1 in water, in accordance with the primer's application instructions) in a quantity of 300 gr/M².

Wait for about 1-4 hours until it is dry to the touch. Waiting time for drying may change according to weather conditions (humidity, temperature, etc.)

Easyflex may be sprayed without the use of a primer, on surfaces thoroughly cleaned of dust with water at high pressure.

Method of application

We recommend applying Easyflex with an airless sprayer over any surface: horizontal, vertical or gradient. It may also be applied by spreading, brushing or wiping.

a) Underground waterproofing

We recommend applying Easyflex in one coat at the rate of up to 6 kg/M² to achieve a 4 mm thick dry waterproofing layer. To the extent a thicker dry waterproofing layer is required, you may spray several such coats, and should wait at least 24 hours between one coat to the next, taking into consideration the weather conditions and the thickness of the previously sprayed coat. After application is complete, allow the material to dry for about 48 hours, taking into consideration the weather conditions, before covering with refill. Protect the waterproofing layer before returning the soil filling, using a non-woven geotextile fabric and various Pazdrain type protective membrane 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).

In any event, mainly in clay soil environments (even partial), use Pazdrain FLT500 type protective membrane in order to prevent the waterproofing system from being pulled downwards during the filling and compaction of the soil around the building. The geotextile fabric may be spread over the waterproofing layer when it is still soft but not immediately after spraying, while fixation is to be from the top and above the upper sealing level.

This product is not suitable for application if the waterproofed building is located below the groundwater level.

Method of use - continued

Method of application - continued

b) Waterproofing wet rooms (showers, bathrooms, etc.) and balconies floors

We recommend applying Easyflex in one layer of up to 3 kg/M². Protect the waterproofing layer before continuing works (flooring, etc.), using non-woven geotextile fabric. Watertightness test (flooding) is to be performed at least 2-4 days after the end of application of the waterproofing coat, subject to weather and environment conditions and the thickness of the waterproofing layer.

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

We recommend applying Easyflex in one layer of 3 kg/M², letting dry for at least 48 hours, taking into consideration the weather conditions.

To prepare stone fixing pegs and other items required for execution, we recommend following Pazkar's special specifications for such works.



Remarks

- ✓ Make sure to use only Paz Primer according to the above-mentioned instructions.
- ✓ Easyflex is ready to use and should not be diluted. If the primer is slightly thick, stir it manually or mechanically in order to dilute it.
- ✓ 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 72 hours from completion of application.
- ✓ Store in a cool, shaded place.
- ✓ Do not store in temperatures lower than 5°C.
- ✓ Clean tools immediately after use with mineral turpentine made by Pazkar.
- ✓ Easyflex is non-flammable and does not contain dangerous solvents.

Safety instructions

- ✓ Before using the product please read the safety data sheet (SDS) that can be received in Pazkar LTD Company.
- ✓ Not for human consumption.
- ✓ When using the material, use personal protective equipment (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 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 products 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 relationship. Subject to our terms and conditions, Pazkar grants a product warranty certificate for specific products, for any further information please contact us at infopazkar@pazkar.co.il. All orders are accepted subject to our current inventory, terms and conditions of sale and delivery.