

## Easy application

✓ **EASY TO USE** | SINGLE COMPONENT LIQUID WATERPROOFING SOLUTION

1

Apply Elastik directly over the damaged area.



2

Apply Polyester reinforcement cloth over Elastik



3

Start applying Elastik directly over the Polyester cloth



4

The Polyester cloth has now been completely covered



## Waterproofs and protects against water intrusion for new and renovation projects



Unlike all other sealing agents ELASTIK perfectly adheres to all construction materials to be found on:

- Roofs, New and Old Bituminous Membranes
- New and Rusted Sheet Metals
- PVC Sheets & Rubber Membranes
- Concrete Surfaces & Tiles

# ELASTIK

## THE LONG LASTING WATERPROOFING MEMBRANE

- ▶ Easy to apply liquid with a brush or roller
- 💧 Comes ready to use
- ♻️ Eco friendly
- 🔥 Low and high temperature resistant
- ✓ Easy clean up



ELASTIK

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WATERPROOFING  
WAREHOUSE

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# IMPORTANT

## PLEASE READ CAREFULLY BEFORE STARTING WORK

Surfaces to be treated with Elastik must be perfectly intact and clean, loose and crumbling parts need to be removed. Do not apply Elastik in bad weather conditions the freshly applied layer of Elastik may be washed away by the rain. Do not apply Elastik at temperatures below 5deg.C and above 40deg.C. Application to hot surfaces could affect Elastik adherence and waterproof capacity. In the summertime and on all surfaces particularly on metal, Elastik should be applied in the early morning and not in the afternoon, when it is too hot.

Elastik waterproofing cannot be used on trafficable decks. Elastik can be stepped on only occasionally for maintenance purposes. Elastik should be left at least 24 hours after its first application before the second application.

### IDEAL WEATHER CONDITIONS TO APPLY ELASTIK

Weather conditions should always be ascertained before starting to apply Elastik.

#### **Dry, Mild Conditions**

Elastik should be applied at a temperature of at least 5°C

#### **Wet, Cold or Frosty Conditions**

Elastik is a water based product so it must be protected from rain until it cures adequately

#### **Rainy Conditions**

If it rains onto the freshly applied Elastik, the Elastik may be partially washed out. If this occurs, the Elastik will have to be re-applied.

#### **Hot Conditions**

When it is very hot, it is recommended to use Elastik in the morning, as hot surfaces may evaporate the product's water content and create a risk of adhesion problems that may compromise the waterproof seal.

### HOW TO CLEAN AND PREPARE THE SURFACE FOR THE APPLICATION OF ELASTIK

Elastik must be applied to clean surfaces, with no dust, debris or uneven parts. It is very important to clean the surface well to achieve this requirement.

If moss/mould is present on the surface; treat first with an appropriate moss/mould removal agent.

The prepared surfaces can be damp or slightly wet, but without any puddles or stagnant water, which would dilute the product.

### ELASTIK PREPARATION FOR USE

Elastik should always be stirred very well before use.

Elastik is a semi-dense product. For ease of application Elastik can be diluted with 5% water: 20kg = 1 Litre, 10kg = 500ml, 5kg = 250ml and 1.2kg = 50ml.

Elastik can be applied onto the prepared surface with a brush and or roller. Typically a brush is used for applications around penetrations/into corners and a roller for flat areas.

### REINFORCEMENT FOR ELASTIK AND HOW TO APPLY

- To ensure a long term result, Elastik must be reinforced using a suitable reinforcement - Polyester SA 150g/m<sup>2</sup> is approved to be used with Elastik.
- To reinforce the Elastik, it is important to only work in an area of no more than 1 square metre.
- Place the roll of reinforcing on the surface to be treated, cut to measure and remove.
- With a brush or roller, apply Elastik to the surface to be treated before placing the reinforcement (approx. 0.5kg/m<sup>2</sup>) immediately start unrolling the reinforcement and press it into the Elastik, letting the Elastik soak/penetrate the fabric.

### ELASTIK APPLICATION

- Elastik is applied over the prepared surface with a minimum of two separate applications.
- Apply a thick first application with brush/roller and leave for a minimum of 24 hours before applying the second application. Further applications can be carried out on the same basis.
- In situations where the surface has been compromised (eg pitting or cracking and/or existing sheet membrane overlap joints are present), these areas need to be covered over with Polyester SA reinforcement applied between the first and second Elastik applications as outlined below. Further applications can be carried out on the same basis.
- Apply a thick brush application of Elastik on to the prepared surface to be followed by the immediate placement of the polyester reinforcement over the uncured Elastik. Immediately press down hard on to the polyester reinforcement with hands and/or roller or brush to assist the Elastik penetration into the polyester reinforcement. This is to be followed by a further coat of Elastik over to fully encapsulate the polyester reinforcement.

### Applications and consumption

#### **On new concrete slabs**

**Total consumption: 1.5-2kg/m<sup>2</sup> + 150g/m<sup>2</sup> Polyester SA**

All external or internal corners are to be reinforced with Polyester SA as outlined in Elastik application. At all joints, changes of direction from the vertical to the horizontal apply a 250mm Elastik Polyester SA bandage to add strength at these points. After joining the horizontal and the vertical surfaces, Apply Elastik to the main area, working in a maximum area of 1m<sup>2</sup> at a time, lay in the polyester, using the 1m wide roll and overlapping the sheets by about 10cm, press it in with the brush. After at least 24 hours, apply a coat of Elastik on the polyester using a brush or roller. After 24 – 48 hours, apply a further coat of Elastik, for a total consumption of 1.5 – 2kg/m<sup>2</sup>.

#### **On earth-retaining walls**

**Total consumption: 1.5 – 2kg/m<sup>2</sup>**

In this type of application, it is essential to prepare the surface to treat carefully. All sharp cornered horizontal/vertical edges to be chamfered or pencil rounded. Concrete angle fillets at a minimum (50mm x 50mm) shall be tightly installed at all vertical/horizontal junction lines. Any holes must be closed by applying Elastik over them with a trowel. Further joints will have to be reinforced by applying the 150g/m<sup>2</sup> Polyester SA, using the 25cm wide roll, and fixing it to the concrete surface using Elastik. After treating the surface as described above, apply a first coat of Elastik over the main area, using a roller. Spread rate of 0.7kg/m<sup>2</sup>. After at least 24 hours, apply a second coat of Elastik using a roller. Spread rate of 0.7kg/m<sup>2</sup>. The Elastik waterproofing of the earth-retaining wall will have to be protected.

### On old bituminous membranes

**Total consumption: 1.5 – 2kg/m<sup>2</sup> + 150g/m<sup>2</sup> Polyester SA**

To renew an old bituminous membrane, with micro cracks due to ageing, that does not leak, we recommended applying 1 or 2 coats of Elastik with a brush or roller, at least 24 – 48 hours apart, for a total consumption of 1 – 1.5kg/m<sup>2</sup>.

To repair cracks between sheets of membrane, apply the Elastik on the cracks, reinforced with the 25cm wide roll of 150g/m<sup>2</sup> polyester.

The advantage of this type of application is by treating joints and transitions it reduces the surface area that needs to be treated to 25% of waterproofing saving time and materials.

If an old waterproof membrane is to be substituted completely, it is not necessary to remove it. Instead: clean the surface very well to remove dust, earth or parts of membrane coming off. Then apply the Elastik to the surface, working in 1m<sup>2</sup> areas, with a brush or roller, lay in the 1m wide roll of 150g/m<sup>2</sup> polyester, overlapping each sheet of about 10cm (as with all bituminous membranes). After at least 24 – 48 hours, apply a generous coat of Elastik. After at least 24 – 48 hours, apply a second further coat, for a total consumption of about 2kg/m<sup>2</sup>.

### On metal surfaces

**Total consumption: 1 – 0.5kg/m<sup>2</sup> + 150g/m<sup>2</sup> Polyester SA**

If the metal surface to be coated is rusted, clean and remove all the rust and dust. For the best results, use a medium pressure water blaster. If the metal surface has holes due to age and rust, repair with Elastik reinforced with the 25cm wide roll of 150g/m<sup>2</sup> polyester. Then, apply a first coat of Elastik on the clean and repaired metal surface using a brush or roller. Spread rate of 0.25 – 0.5kg/m<sup>2</sup>. After at least 48 hours (the product does not dry on metal as fast as on concrete), you can apply a second coat of Elastik. Spread rate of .25 – 0.5kg/m<sup>2</sup>.

On slightly inclined metal surfaces where rainwater can filter through the head and side joints of the sheets, apply Polyester SA, using the 50cm wide roll, to solve the problem. Using the 50cm wide roll of Polyester SA, the consumption of Elastik is 1kg/m.

IMPORTANT: When it is very hot, we recommend applying Elastik in the early hours of the morning and not in the heat of the afternoon.

### PAINTING OVER ELASTIK

Elastik must be overcoated with two coats of Enviroflect Aluminium 15 – 20 days after application at a coverage rate of 8 – 10 m<sup>2</sup> per litre/ per coat. If a colour is required, two coats of Aquaseal can be applied over a single coat of Enviroflect coverage rate of 8 – 10 m<sup>2</sup> per litre/per coat. Colour options are available on request. Recoat every 3 – 5 years or as required.

### STORAGE OF ELASTIK

Store in a cool dry place. Elastik will last for up to 1 year after opening when properly sealed after use.

Elastik is water based so is subject to freezing. Once frozen the product can no longer be used.

### CLEANING

After use, brushes and rollers must be soaked in water to prevent product drying on them.

The next day, shake excess water and wipe down where appropriate before re-using them.

At the end of the job, clean tools thoroughly, first with water then with a solvent such as mineral turpentine.