



# TOPFLEX

1K PU waterproofing membrane

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## ADVANTAGES

- One-component material - easy application
- High ductility
- Resistance to root penetration
- Resistance to higher temperatures and chemicals
- Bridges cracks
- Frost resistance

## SPECIFICATIONS

### Possibility of use:

Exterior insulation - balconies, terraces, staircases.

Interior insulation - showers, bathrooms, garages.

### Restrictions:

The substrate must be dry. If the substrate is wet, the material may foam.

Do not apply more than 0.8 kg/m<sup>2</sup> in one step.

### Packaging:

Retail 5 kg

Wholesale 25 kg

### Storage:

12 months from the date of manufacture at temperatures of +5 °C to +25 °C, in the original packaging in a shaded place. Use as soon as possible after opening (reacts with humidity).

## APPLICATION PART

### Preparing the substrate:

The substrate must be dry and load-bearing. Any cracks and potholes must be repaired with TopFiller epoxy sealer. The substrate must be free of dust, dirt, loose parts, old paint and grease/oil stains. Sand and vacuum the surface prior to application.

Before applying the membrane itself, prime the substrate with TopFix primer (instructions in TL TopFix) or TopFix Rapid (instructions in TL TopFix Rapid).

In the case of necessary water drainage (e.g. balcony), the gradient must be made according to standards of 1.5-2.5%. TopFiller epoxy sealant can be used to fix the guttering and any other plumbing elements.

Expansion joints in the substrate are bridged with flexible self-adhesive waterproofing tape before TopFlex is applied. Object expansion joints and expansion joints of other surfaces are solved by admitting in the surface system expansion joints.

### Application:

Thoroughly mix the material itself.

TopFlex can be applied 24 hours after the application of the primer. The penetration must be gently sanded if TopFlex is applied later than 3 days after the application of the primer.

Apply the material thus prepared with a tooth trowel, metal trowel or roller. The application is carried out in two to three coats, with a technological pause of 12-24 hours between applications.

### Attention:

Application on dry surface only. Protect from rain and humidity.

TopFlex must not come into direct contact with water or other chemicals during application and curing. Moisture significantly affects curing. Pay attention to the dew point, the air and substrate temperature must be at least +3 °C above the dew point.

### Safety:

See safety data sheet TopFlex

## PROCESSING DATA

<b>Consumption</b>	0.6-0.8 kg/m <sup>2</sup> per coat, apply 2-3 coats in total
<b>Processability</b>	30 minutes at 20 °C
<b>Full loadability</b>	7 days at +20 °C
<b>Adhesion to concrete</b>	≥ 1,5 MPa
<b>Walkability</b>	24 hours at +20 °C
<b>Application temperature</b>	+10 °C to +30 °C

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