



REFLEX HYDRO-PRO

ONE-COMPONENT LIQUID MEMBRANE BASED ON ALIPHATIC HYBRID TECHNOLOGY WITH HIGH
PERFORMANCE AND LOW ENVIRONMENTAL IMPACT
APPLICABLE ON WET SURFACES

Features

- Ready-to-use product, easy to apply
- Unaffected by humid or wet substrates
- Applicable under any condition: withstands critical environmental situations, unsuitable for polyurethane products
- Balanced thixotropy: smooth during application, does not sag on vertical surfaces
- Primer not always required; to be evaluated according to substrate conditions
- Excellent adhesion on many materials
- Rapid curing and immediately rainproof
- Very low odour
- Forms a continuous waterproofing membrane, without the risk of reaction bubbles and/or blistering
- High elasticity
- Resistant to standing water and UV rays
- Non-flammable, avoids transport and site-related issues
- Contains no isocyanates
- Material safe for humans and the environment

Field of use

- Waterproofing with or without reinforcement of:
- Roofs, coverings, terraces and balconies
- Existing or newly built roofs
- Construction details
- Repair and renewal of old membranes
- Bathrooms and humid areas prior to installing finishes
- Dry, humid or wet substrates in concrete and bituminous membrane

Application

Substrate Preparation

Surfaces must be sound, compact, free of dust and contamination from substances

The concrete substrate, after suitable mechanical preparation, must have a surface pull-off strength greater than 1.5 MPa, measured with appropriate instruments

Any loose parts and mould must be removed. On non-absorbent surfaces (old membranes), cleaning with a pressure washer is necessary

In emergency situations, such as waterproofing on humid or wet substrates, apply the product while trying to remove as much dirt as possible and any free water

A primer may not always be required: we recommend evaluating case by case depending on substrate type and condition, possibly carrying out a preliminary adhesion test on site or consulting the technical department. Bituminous membranes must be carefully washed to remove dirt. In the case of cracks or detachment, remove or repair them

When applying on PVC or metal, use PRIMER 100R or FLOORFIX 44 beforehand

Before applying REFLEX HYDRO-PRO, pay particular attention to expansion joints and construction details, which must be properly treated, also using suitable reinforcement fabrics

Product Preparation

One-component product, ready to use. Mixing is not necessary and could cause air entrapment. The use of alcohol or other solvents is strongly discouraged.

The product is ready to use and does not require dilution.

Product Application

REFLEX HYDRO-PRO can be applied with or without reinforcement using:

- Brush
- Roller (essential for reinforced systems)
- Trowel

As a non-reinforced waterproofing coating:

Apply at least two coats of product at a consumption rate of 1–1.2 kg/m² per coat, with an interval of 6 to 48 hours maximum. On vertical surfaces, non-reinforced application up to 1 kg/m² per coat is possible.

As a reinforced waterproofing system:

Apply the first coat of REFLEX HYDRO-PRO waterproofing membrane at an indicative consumption of 1.5 kg/m².

Embed a layer of polyester fabric into the fresh coat, ensuring perfect adhesion to the membrane below, followed by a second fresh coat of REFLEX HYDRO-PRO waterproofing membrane at an indicative consumption of 1 kg/m².

In all the above applications, fibreglass reinforcement fabric may also be used, increasing the product consumption.

For applications on very humid or wet concrete substrates, the use of reinforcement is strongly recommended.

Technical data

Colour	Grey	
Density	1,25 g/cm ³	UNI EN ISO 2811-1
Viscosity at 22°C	> circa 15.000 mPas	UNI EN ISO 2555
Elongation +23°C	4 MPa	approx 250-300%
Solid Content	80%	
UV Resistance (INVE 2000) lamp P-500W	Excellent	

Storage

The product, stored in its original sealed packaging, kept in a dry and protected place at a temperature between +5°C and +35°C, has a shelf life of 12 months.

Safety

For application of this product, it is recommended to use protective eyewear, rubber gloves and all PPE required by current regulations and indicated in the SDS.

After use, tools must be cleaned thoroughly with DILUENTE PER MONO.

For further information regarding safety precautions, refer to the safety data sheet.

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