FIXAQUA FILM

C,RI according to EN1504-2

Liquid polyurethane membrane for in-situ and overlap-free waterproofing of roofs, roof terraces, floorings, swimming pool decks, changing rooms.

Grey

MAIN FEATURES

-Water-based polyurethane 100% watertight.
-Breathable water vapour.
-Resistant to ultraviolet rays.
-Bridges cracks in the substrate.
-Resistance to seawater, dilute acids and alkalis, acid rain and micro-organisms.
-Abrasion and impact resistance.
-Thermally resistant from -40ºC to +90ºC.
-It is very dust repellent.
-Has very low VOC < 100 g/L.

FIELDS OF APPLICATION

-Continuous waterproofing, no joints, no overlaps, no seams, installed on site.
-Waterproofing of mortar, concrete, wood, metal, ceramic roofs, bathrooms, changing rooms, swimming pool decks, cornices.
-Elastic waterproofing that replaces asphalt fabric on terraces and balconies.
-Totally walkable at pedestrian level.
-Re-waterproofing of old asphalt sheets, acrylic paints, roofs with tiles, zinc, aluminium and fibre cement.

HOW TO USE

SUPPORT PREPARATION

1º-Remove any remaining concrete, dust, mould, paint, wax, release agents.
2º-In dusty substrates, prime the surface with **FIXAQUA PRIMER**.
3º-Wet mortar substrates (not waterlogged) must first be primed with **FIXAQUA PRIMER**. Do not apply **FIXAQUA FILM** if there is standing water.
4º-Expansion joints or cracks that may be present on the surface must be previously sealed with the ultra-elastic self-adhesive band **FIX-BANDA**. By simply removing the protective paper, **FIX-BANDA** adheres with total security to both sides of the joint or crack.
5º-On metal, glass, wood, ceramic, asphalt fabric, etc. follow the instructions in the following section.

PRODUCT PREPARATION

-**FIXAQUA FILM** is a ready-to-use product.

PRODUCT APPLICATION

-Ready-to-use one-component paint. Do not add anything else. Open the can and mix the paint for 2 minutes to homogenise it.
-As it is water-based, we have an indefinite time to apply it and what is left in the can can be used for another work.
-Apply in general with a short-haired roller on walls or with a flat metal trowel on floors.
-It can also be applied with airless. Let dry at least 18 - 36 hours and always apply at least a second coat. It is not necessary to deaerate the paint.

COMMENTS TO TAKE INTO ACCOUNT

Laying ceramic tiles on floors, coverings and swimming pool decks: we can bond directly onto the dry **FIXAQUA FILM**, using the cementitious adhesive type C2S1 **TECNOCOL GEL**.

TECHNICAL DATA

Type of polyurethane	water-based
Toxicity	no
Flammability	no
Temperature of application and no imminent rain	from +5ºC to +35ºC
Drying time between coats	18 - 36 hours (+20ºC;50%RH)
Waiting time for tiling	72 hours (+20ºC; 50%RH)
Tension force at -25ºC and +20ºC	4.2 N/mm² ; 5 N/mm²
Elongation at break at -25ºC and +20ºC	1900% ; 2000%
Elasticity module at -25ºC and +20ºC	1.3 N/mm² ; 1.5 N/mm²
Water vapour permeability	≥ 15 g/m² ·day
Waterproofing without penetration of	water column 1 m
Adhesion to concrete	> 1.5 N/mm²
Shore A hardness	60
Range of working temperatures	from -40ºC to +90ºC
Consumption	1.5 - 2.0 kg/m²
Estimated expiration	24 months
Presentation	3.75 kg