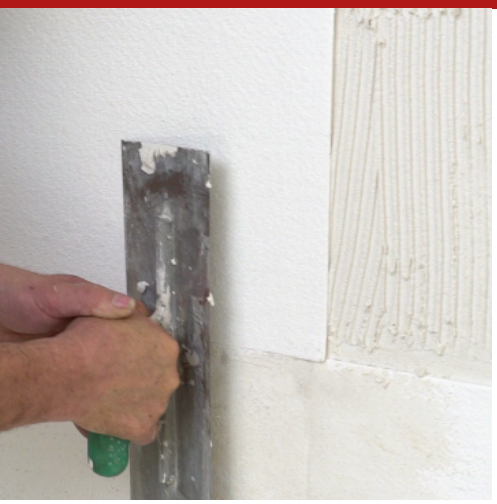
Sanatex

Flexible membrane for thermal bridges and damp walls



Flexible membrane with thermal insulation and vapor barrier properties, made on a non-woven fabric support made of 100% recycled polyester, coated with a specific flame-retardant acrylic compound, 100% water-based.

CUSTOMS CODE: 5905 0070 50
COMPONENTS: Single-component
APPEARANCE: Roll
AVAILABLE COLORS: White
PACKAGING AND DIMENSIONS: Roll 7.125 m²

OBTAINED CERTIFICATIONS AND REGULATIONS

CE
EN 13984:2013

FEATURES AND BENEFITS

Sanatex represents the low-thickness solution for the renovation of damaged walls and facades, both externally and internally. It allows for quick and effective recovery of funds even in the most difficult situations without inconvenience for tenants. Ideal for walls with static cracks. It contributes to the optimization of energy efficiency and the comfort of buildings thanks to its thermal insulation properties, breathability, resistance to mold and fungi and stability over time. Its use helps keep the home environment healthy. It reduces the energy dispersion of a standard non-insulated wall by up to 30% and increases the surface temperature in the presence of thermal bridges. Resistant to mold and fungi, thanks to its natural fungicidal characteristic.
Sanatex is the ideal material for rapid, economically advantageous and low environmental impact interventions.

FIELDS OF APPLICATION

- Renovation of internal and external walls in case of rising damp.
- Renovation of internal and external walls in the presence of mold and condensation.
- Coating of surfaces in the presence of thermal bridges.
- Thermal insulation of false ceilings, floors and walls.
- Renovation of facades in the presence of static lesions and shrinkage crack patterns.
- External facade cladding with thickness constraints.

ALLOWED SUPPORTS

Concrete - Prefabricated concrete - Bricks - Mixed walls (bricks and stones) - Brickworks - Stone walls - Lime and lime-cement plasters and mortars

PREPARATION OF SUPPORTS

The application surfaces must be clean, free of dirt, crumbly and loose parts, dust, etc. In the presence of mold, carry out a preventive removal and sanitization treatment with specific products such as Consilex Muffa Cleaner and Consilex Muffa Remover. A slight roughening of the surfaces is always necessary in order to obtain maximum adhesion values to the support of the Sanakoll smoothing adhesive, premixed used to glue the membrane to the support and cover it by smoothing.

MODE OF USE

The Sanatex membrane has been specially developed for simple and quick installation even in the presence of complex, non-planar surfaces and with shape constraints such as cornices, windowsills or other facade elements that must be kept intact. The membrane can be cut to size with simple construction scissors. The membrane is glued with the special Sanakoll glue/smoothing compound, spread with a 5 mm notched trowel on a support prepared as previously described. Adhere the membrane to the Sanakoll adhesive with simple pressure, which can be facilitated by passing a plastic pressure roller. Wait 24-48 hours for the glue to dry, then smooth the membrane using Sanakoll glue/smoothing compound, spread in two coats to a total thickness of approximately 2 mm. The indicative consumption of Sanakoll is approximately 4 kg/m2 as an adhesive and approximately 2 kg/m2 as a smoothing compound. Finish the surfaces with breathable paints or plasters from our Protech and Sanageb lines.

APPLICATION METHODS

Apply by hand

KEY FEATURES

- Density: 140 kg/m³
- Thickness: 5 mm
- UV-resistant
- Lenght: 7.5 m
- Unlimited shelf-life
- Width: 95 cm

TECHNICAL SPECIFICATIONS

EN 12667
Thermal conductivity **0.031 W/mK**

DIN 53931
Protection from moulds, two weeks incubation at 28°C **No fungal growth**

UNI EN ISO 1931
Water vapor transmission T=23°C - U.R. 50 (Sd) **0.27 m**

UNI EN 1296
Water vapor transmission after artificial aging T23°C _ U.R. 50 (Sd) **0.32 m**

UNI EN 12311-2
Longitudinal and transversal tensile strength **> 2 N/mm²**

UNI EN 12310-1
Resistance to longitudinal and transverse tearing **200 N**

EN 13501
Reaction to fire **Euroclasse E**

DIN 53931
Mold protection, 28 days incubation at 25°C **No fungal growth**

UNI EN ISO 1931
Water vapor transmission T=23°C - U.R. 50 (μ) **57**

UNI EN 1296
Water vapor transmission after artificial aging T23°C _ U.R. 50 (μ) **74**

ETAG 004
Tear resistance **0.3 MPa**

UNI EN 1847
Longitudinal and transversal tensile strength after artificial ageing **> 2 N/mm²**

UNI EN 12114:2001 T=29°C - U.R. 40%
Air tightness **0.16 m³/(m²·h·50Pa)**

T=23°C - U.R. 50%
Mass per unit area **700 g/m²**

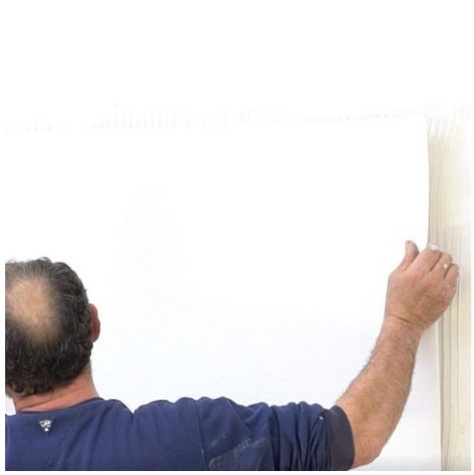
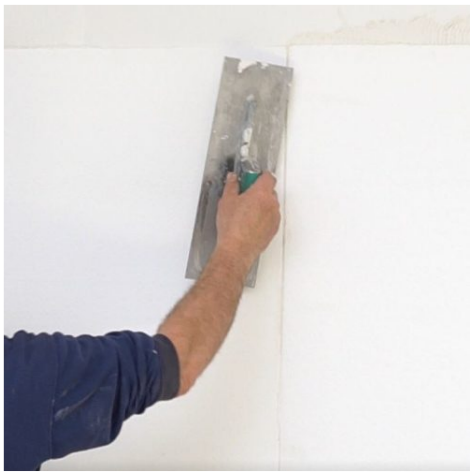
CONSUMPTION

1 m2 of SANATEX for every m2 of surface to be covered.

STORAGE AND CONSERVATION

Store the product in its original packing, in a fresh and dry environment, avoiding frost and direct sunlight. Avoid contact between the product and acid substances. Store in a covered and sheltered place.

PHOTO GALLERY

SPECIFICATION ITEM

Sanatex-type flexible membrane, with thermal insulation and vapor barrier properties, made on a 100% polyester support, coated with a specific flame-retardant acrylic compound, 100% water-based, glued and smoothed with specific Sanakoll glue.

Technical characteristics of the Sanatex membrane:
- UNI EN 12311-2 Longitudinal and transversal tensile strength: > 2 N/mm2
- EN 13501 Reaction to fire: Euroclass E
- Area mass T=23°C _ R.H. 50%: 700 gr/m2
- UNI EN 12114:2001 Air tightness T=29°C _ R.H. 40% : 0.16 m^3 / (m^2 h 50Pa)
- UNI EN ISO 1931 Water vapor transmission T=23°C _ R.H. 50 (Sd): 0.27 m
- EN 12667 Thermal conductivity: 0.031 W/mk
- DIN 53931 Mold protection, two week incubation at 28°C: no fungal growth

WARNINGS AND PRECAUTIONS

The general information, along with any instructions and recommendations for use of this product, including in this data sheet and eventually provided verbally or in writing, correspond to the present state of our scientific and practical knowledge.
Any technical and performance data reported is the result of laboratory tests conducted in a controlled environment and thus may be subject to modification in relation to the actual conditions of implementation.

Azichem Srl does not assume any liability arising from inadequate characteristics related to improper use of the product or connected to defects arising from factors or elements unrelated to the quality of the product, including improper storage.
Those wishing to utilise the product are required to determine prior to use whether or not the same is suitable for the intended use, assuming all consequent responsibility.

The technical and characteristic details contained in this data sheet shall be updated periodically. For consultation in real time, please visit the website: www.azichem.com. The date of revision is indicated in the space to the side. The current edition cancels out and replaces any previous version.

Please note that the user is required to read the latest Safety Data Sheet for this product, containing chemical-physical and toxicological data, risk phrases and other information regarding the safe transport, use and disposal of the product and its packaging. For consultation, please visit: www.azichem.com.
It is forbidden to dispose of the product and/or packaging in the environment.