

Who we are

SB Bio Building Sagl is one company operating in foreign market ed Italian, as promoter for the sale of technologies.

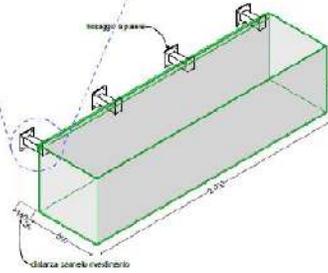
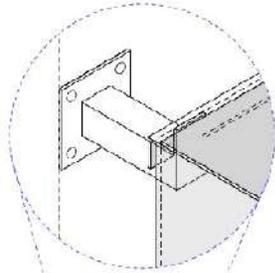
A distinctive element of architecture is the creation of a green wall that brings some advantages, going to constitute a "second skin" of the buildings.

Vertical gardens

DECORATE YOUR OUTDOOR SPACES

Our contacts

SB Bio Building Sagl
Corso San Gottardo 73 - 6830
Chiasso/TI (CH)
sbbiobuilding@sb-biobuilding.ch
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Società Danini s.r.l.			
Tavola: Finiture Facciata E32			
Size	Descr.	Posiz.	Alt. Costo
E32	Intonaco Giallo		
E33	Intonaco Giallo		
E34	Intonaco Giallo		
E35	Intonaco Giallo		
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E100	Intonaco Giallo		



We design your vertical garden with you

The HIDROSTAN® EPDM waterproof system can be mounted directly on the wall with the aid of special adhesives or mechanical means. The sheet can also be supplied to measure, reducing installation times during installation, with consequent reduction of the risk of leaks. HIDROSTAN® EPDM is the most ecological choice to be installed as a waterproof layer under the vegetation of the wall. The roofing systems can be used for any type of green as it is an anti-root material.

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Why trust me

PRODUCTION

Our geo membranes are produced by a system of extrusion of a rubber polymer, natural rubber, which subjected to a vulcanization process in an autoclave allows to obtain a homogeneity of the material and an embossing to ensure greater resistance to adhesion in cold gluing systems.

WARRANTY

The right solution for all requirements and stress criteria even if left visible where the problem of waterproofing buildings must be guaranteed for long-term system reliability and economic profitability of the projects.

THERMAL INSULATION

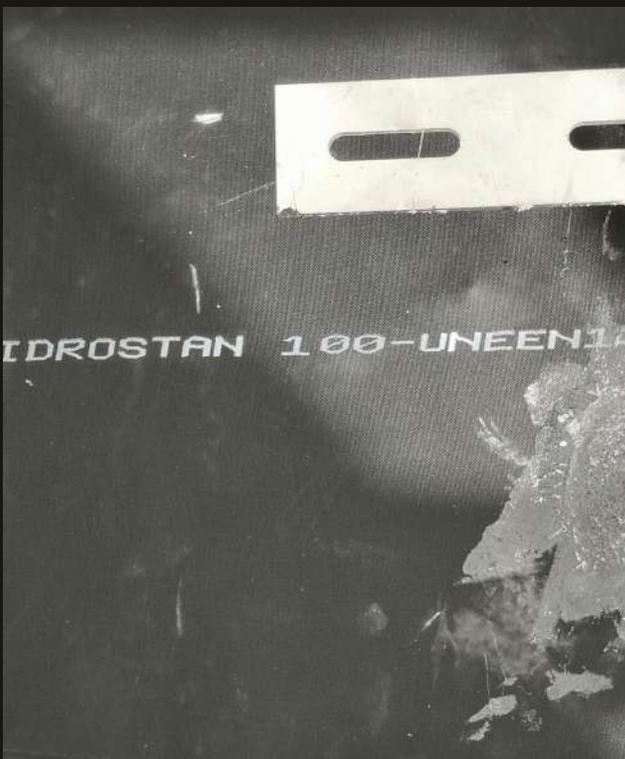
Efficient insulation also means that the most possible is air-tight to prevent heat loss as much as possible. The gaps must therefore be sealed as much as possible. Thanks to its flexibility, EPDM is the ideal material for closing cracks around windows and doors. Stops the draft but also prevents damp air from entering the cracks.

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8. Prestaciones declaradas:

Característica	EN 13956:2013 / EN 13967:2013	
	Método de Ensayo	Valor
Defectos visibles	EN 1850-2	PASA
Anchura	EN 1848-2	1.47-1.50 m (-0.5%, +1%)
Espesor	EN 1849-2	1.00, 1.20, 1.50, 2.00 mm (-5%, +10%)
Rectitud	EN 1848-2	≤ 50 mm
Planeidad	EN 1848-2	≤ 10 mm
Estabilidad dimensional	EN 1107-2	≤ 1%
Comportamiento frente al fuego exterior	EN 13501-5	Broof (t1)
Reacción al fuego	EN 13501-1	Clase E
Estanquidad (10 y 60 kPa)	EN 1928 (Método B)	PASA
Resistencia a la tracción	EN 12311-2	≥ 9.0 MPa
Alargamiento	EN 12311-2	≥ 300 %
Resistencia a una carga estática	EN 12730 (Método B)	≥ 25 kg
Resistencia al impacto	EN 12691	≥ 200 mm
Resistencia al desgarro	EN 12310-2	≥ 20 N
Resistencia solapes: Cizalla	EN 12317-2	200N / 50mm
Resistencia solapes: Pelado	EN 12316-2	≥ 25N / 50mm
Efecto de los productos químicos líquidos incluyendo el agua	EN 1847	PASA
Envejecimiento artificial-exposición UV	EN 1297	PASA
Durabilidad al envejecimiento artificial (2 kPa)	EN 1296 EN 1928	PASA
Plegabilidad a baja temperatura	EN 495-5	≤ -30 °C



Quality and certified guarantee

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Our strengths

Excellent resistance to ozone and oxygen. EPDM rubber-based products are insensitive both in static and dynamic conditions and to the action of oxidizing agents. No addition of antiozonating agents or antioxidants is necessary to achieve this behavior.

Good high resistance temperature (up to 130 ° C) in both dry and humid environments, maximum point a short 150 ° .c

High mechanical and elastic characteristics and maintenance of this property over time

Good resistance to numerous chemicals (organic acids and inorganic, alkali, amines, phosphoric esters, hydraulic liquids, liquids antifreeze and brine bleaching agents, biodegradable and non-biodegradable detergents, vegetable oils and fats) and low molecular weight polar solvents (alkalis, ethers, ketones, glycols)

High resistance to aging time. Over 50 years of certified life



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Application fields

The HIDROSTAN® EPDM geo membrane in vulcanized cauciu rubber EPDM (Ethylene-propylene-diene monomer) waterproofing, made by an extrusion / calandradura system subjected to an accurate vulcanization process for the formation of even large sheets. waterproofing systems for new construction and renovation buildings, as it perfectly resists both the action of UV rays and oxidation and is ideal for the world of infrastructures where there are tunnels, bridges and viaducts, ornamental lakes and basins for drinking water, it is used on flat roofs and pitched roofs. The properties of our geo membranes are very strong, especially when compared with traditional bitumen and pvc roofing. It can be used to coat any type of hydraulic work as it has a strong mechanical resistance and flexibility that allows an optimal tension seal, both for the consequent variations in the water level, to differential settlements, thermal shocks, salt water, pollutants etc. ..in the case of channel coating it will be necessary to study the specific characteristics. It is possible to cover the tanks in concrete, steel and glass resin with pre-welded, pre-formed or pre-shaped or welded on-site tarpaulins with cold solutions, which present leaks or cracks that are difficult to solve. The waterproof coating can also be customized by providing for the connections for the drain or fill pipes. The restoration is guaranteed by a perfect watertight seal, thanks to the chemical-physical capacities of our Hidrostan epdm sheets, and the different thicknesses that leave the freedom of design choice. Our towels are certified for both waste water and drinking water. In similar ways, we can cover old sheaths, swimming pools, phyto-purification systems, garden roofs as they are anti-root cloths. All HIDROSTAN® waterproofing membranes meet the requirements for waterproofing quality roofs. The intended use of the product, roof waterproofing (according to EN 13956) for ballasted or exposed application (adhered or mechanically fixed), Waterproofing of underground structures (according to EN 13967).

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