

CATALOGUE





**SECURE
WATERPROOFINGS**





OUR COMPANY

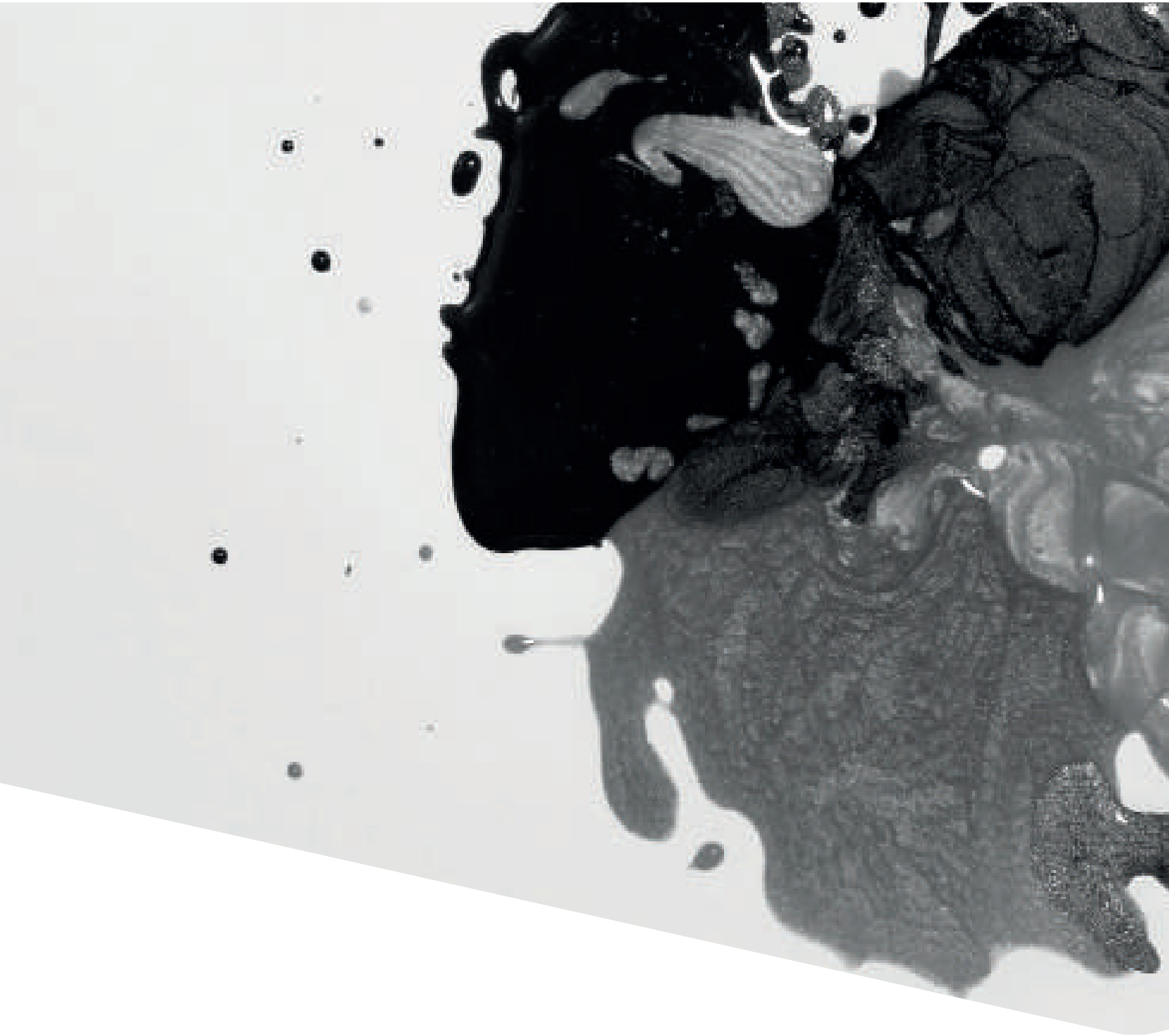
Polymerbit srl is a new company located in Southern Italy. Born from the forty-year experience in the production of liquid membranes for waterproofing roofs of **VODICHEM ITALIA SRL**, today Polymerbit srl bases its market on the production of new and effective polyurethane products, **starting from raw materials processed directly on site, both for water and solvent based systems.**

For several years, the company has been positioned not only on the national market but also on the international one thanks to the particularity of some products, the company produces elastomer-bituminous, synthetic, acrylic-polyurethane, liquid bituminous-polyurethane waterproofing products, two-component cementitious waterproofing products, accessory products such as solvent-based and water-based bituminous primers, colored protective products, including metallic ones, and solvent-based and water-based aluminum.



Having chosen, since the early 90s, an alternative to all solvent-based products with similar water-based products has led to new commercial developments, elevating the company to the leading Italian producer of water-based bituminous primer and, since 1997, the only global producer of water-based resin aluminum, subsequently copied by other Italian and European producers.

In the early 2000s, the sales line of products intended for building materials retailers was joined by the “applicators” line with a series of professional products where specialized labor is required. Currently, **Polymerbit srl** has ongoing commercial relationships with England, Tunisia, Malta, Albania, Lebanon, Cyprus, Bulgaria, Ghana, United Arab Emirates, Ukraine, France, Poland and Israel.



TOWARDS POLYURETHANES

Quality, innovation and commitment distinguish us and make us proud of our work. We invest in research and believe in the environment. The trust of hundreds of customers around the world rewards our efforts.

Polymerbit srl offers the market a wide range of products and technologies to solve problems related to waterproofing, resurfacing, protection, asbestos encapsulation, protective products for concrete products for both civil and industrial works.



A new goal has been reached with the inclusion in the catalogue of new formulations based on polyurethane resins, both water-based and solvent-based. We can proudly boast of having been the first in Italy to offer liquid polyurethane-bituminous membranes, water-based and solvent-based, one and two-component, thus combining the most well-known and classic waterproofing product, bitumen, with the new polyurethane resins.

Polymerbit srl also bases its market on the production of solvent-based polyurethane pre-polymers and water-based polyurethane dispersions, made directly in the factory.


WATERPROOFING PROBLEMS?

A LIQUID MEMBRANE IS FOR YOU!

Our products guarantee long-lasting and quality waterproofing,
if applied by **specialized personnel**
or coordinated by our Technical Office.

The guarantee of waterproofing works will be proportionate to the quantity
and type of material used for the construction
of the waterproof system.

**It is always advisable to consult
our Technical Office beforehand.**



POLYMERBIT

ICONS LEGEND

PRODUCTS FEATURES



WATER-BASED PRODUCTS



SOLVENT-BASED PRODUCTS



FEAR THE FROST



ONE-COMPONENT PRODUCT



TWO-COMPONENT PRODUCT



U.V. RESISTANT



FLAMMABLE PRODUCT



WALKABLE PRODUCT



TILEABLE PRODUCT



COLORED PRODUCT



POLYURETHANE PRODUCT



APPLICABLE ON WET SURFACES



APPLICABLE EVEN AT TEMP. BELOW 0°C



RESISTANT TO WATER STAGNING

RECOMMENDED TOOLS



APPLICATION BY BRUSH



APPLICATION BY AIRLESS/
PERISTALTIC PUMP



APPLICATION BY ROLLER



APPLICATION BY
SMOOTH SPATULA

RECOMMENDATIONS



READY-TO-USE PRODUCT



SEE OUR TDS

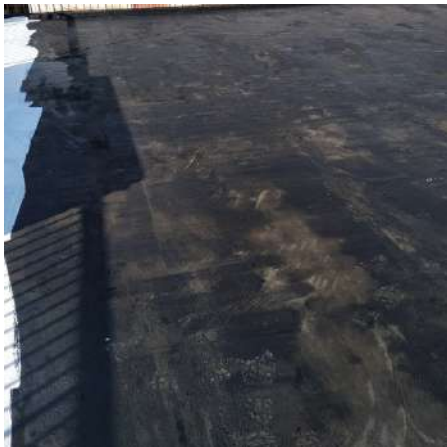


CONSUMPTION IN KG/SQM



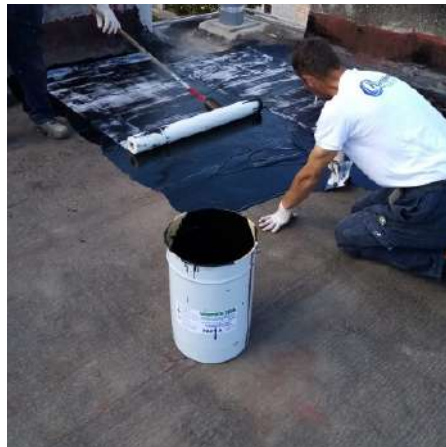
CONSUMPTION IN LT/SQM

THIS CATALOGUE SHOWS THE MOST IMPORTANT INFORMATION. IT IS ALWAYS AND IN ANY CASE NECESSARY TO CONSULT THE TECHNICAL SHEETS OR THE TECHNOLOGICAL DEPARTMENT. THE MANUFACTURER CANNOT BE HELD RESPONSIBLE IN ANY WAY FOR THE IMPROPER USE OF THE PRODUCT OR FOR ITS INSTALLATION IN A MANNER NOT COMPLIANT WITH THAT INDICATED IN THE TECHNICAL DATA SHEET.



Bituminous, Synthetic and Polyurethane Primers

Vodicoprimer	pag.14
Voditop Primer	pag.15
Vodiprimer SH	pag.16
Vodiprimer	pag.17
Vodiepoxy Primer	pag.18
Polymex Pur Primer	pag.19



Liquid Bituminous Membranes/ Bitumen-Polyurethane

Vodiasfalt	pag.22
Vodipren 90	pag.23
Vodipren 100	pag.24
Vodipren Ecopur	pag.25
Vodipren Monopur	pag.26
Vodipren Unobit	pag.27



Liquid Polyurethane Colored and Transparent Membranes

Vodicolor H.B.	pag.30
Vodicolor Ecopur	pag.31
Vodicolor Pur	pag.32
Vodiresin Ecoflex	pag.33
Kit Vodiresin Ecoflex	pag.34
Vodiresin Solflex	pag.35



Liquid Synthetic Colored Membranes

Vodicolor Base	pag.38
Vodicolor Plus	pag.39
Vodicolor Extra	pag.40
Vodicolor Extrareflex	pag.41
Vodicolor Top Piscina	pag.42



Resin Coating for Floors

Vodiresin Sport	pag.46
Vodiresin Ecopur CL	pag.47
Vodiresin Ecopur TR	pag.48
Vodiresin Color	pag.49
Vodiresin Protect	pag.50
Vodiresin Grit	pag.51
Polyepoxy Floor	pag.52



Transparent and Colored Protectives

Vodicolor Ac	pag.56
Vodirall Eco	pag.57
Vodirall Extra	pag.58
Vodimetal	pag.59
Vodilast	pag.60
Vodisil	pag.61
Vodisil Solvent	pag.62
Vodisil Riparabalconi	pag.63
Vodiresin Ecofinish	pag.64



Mastics/ Bituminous Adhesives and Bitumen-Polyurethane

Voditec H-20	pag.68
Voditec P-40	pag.69
Voditec Innești	pag.70
Voditec Pur-30	pag.71
Vodirefill Pur	pag.72



Liquid Cement-based Membranes

Vodilastik	pag.76
Vodiresin Scud	pag.77



Various and Complementary Products

Vodimalt	pag.80
Vodair	pag.81
Vodinofrost	pag.82
Vodilatex	pag.83
Vodisarm-L	pag.84
Vodisarm-F	pag.84
Vodisint	pag.85
Vodigrip	pag.86
Vodi Supergrip	pag.87
Vodifix	pag.88
Vodites	pag.89
Catapur Base	pag.89



Professional Products

Vodipren 2Pur Black	pag.92
Polymercolor H.A.P.	pag.94
Polymex 1K-C	pag.96
Polymex 1K-B	pag.98
Polymex 2K-F	pag.100
Polymex 2K-C	pag.102
Polymex 2K-CR	pag.104
Polymex 2K-T Finish	pag.105
Polymex 2K-T	pag.106
Polymex 1K-MAC	pag.107
Polycryl	pag.108
Polymex Barriera	pag.109
Polymex Pur Binder	pag.110

PALLETS COMPOSITION

METAL and PLASTIC DRUMS

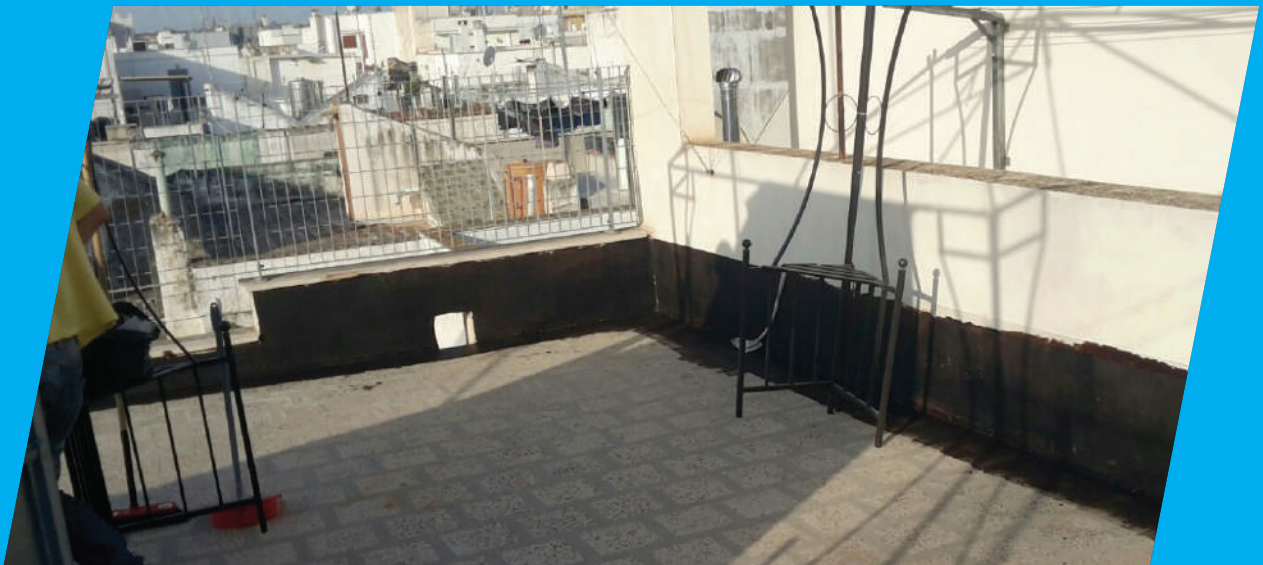
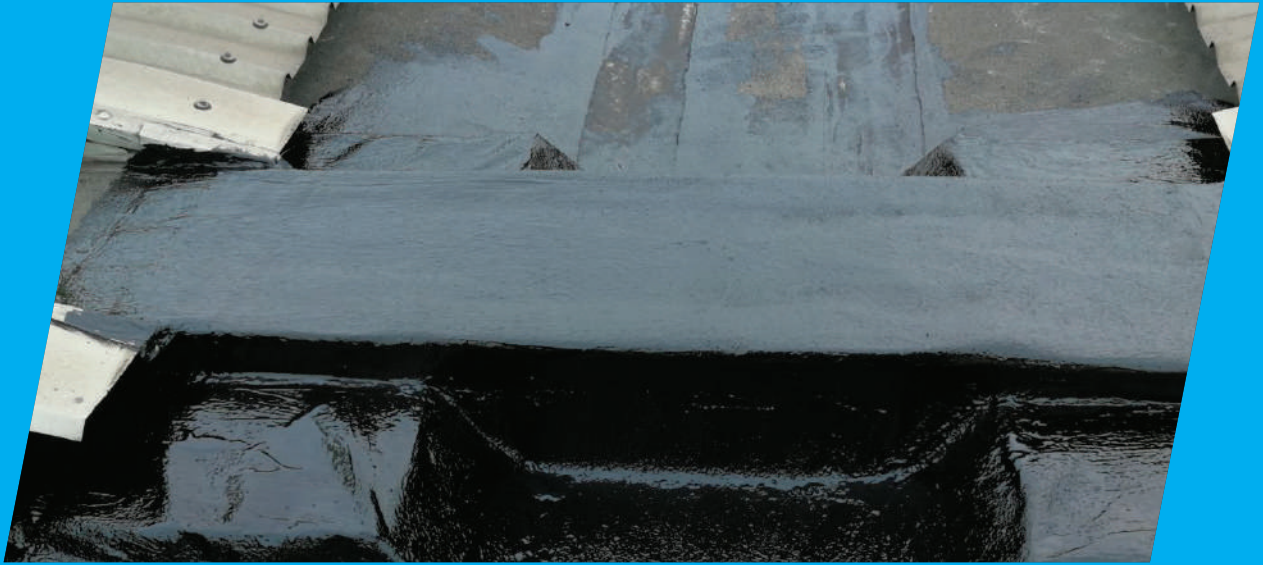
Drums of Kg./Lt. 25	- N. 33
Drums of Kg./Lt. 18-20	- N. 44
Drums of Kg./Lt. 10	- N. 66
Drums of Kg./Lt. 5-6	- N. 120
Drums of Kg./Lt. 2,5	- N. 144

BOXES

Boxes of 9 pieces each	- N. 36
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PRICES ARE EX-WORKS RUVO DI PUGLIA

For any further information, consult our technical office



**BITUMINOUS,
SYNTHETIC and
POLYURETHANE
PRIMERS**

VODIECOPRIMER

Bituminous, water-based primer

LT	PACKAGING
5	plastic drums
10	plastic drums
18	plastic drums



FEATURES

VODIECOPRIMER is a dust-proof bituminous emulsion, non-toxic, with evaporating agents added that promote rapid drying. **VODIECOPRIMER** is very fluid, brown in color. Once dried, the film will turn black.



PRIMARY USES

VODIECOPRIMER is generally used as a dustproof and adhesion undercoat for the installation of prefabricated bituminous membranes and for our bituminous waterproofing systems and, in prefabrication, as a protective coating for concrete or wooden surfaces. **VODIECOPRIMER** can also be applied on metal surfaces.

INSTRUCTIONS FOR USE

Remove any loose or non-stick parts from the surfaces to be treated. Shake the product before use. The product can be diluted up to 25% with clean water.

Consumption: from 0,150 to 0,300 lt/sqm

Application: sponge roller, brush or airless pump

Storage: 12 months in original drums

VODITOP PRIMER

Transparent, filming, water-based primer

KG	PACKAGING
1	plastic jar
5	plastic drums
10	plastic drums
18	plastic drums



FEATURES

VODITOP PRIMER is a composition based on silanized resins, water-based, with excellent waterproofing characteristics.



PRIMARY USES

VODITOP PRIMER is mainly used as a primer applied on concrete, plaster, plasterboard, sheet metal, flooring, in order to promote better "gripping" of the subsequent application phases, painting and liquid membrane or water-based resins.

VODITOP PRIMER is also used as a consolidant and anti-chalking agent for the treatment of sandstone and as an adhesion base for water-based liquid membranes.

In order to improve the grip of the subsequent waterproof liquid membrane to be applied, it is recommended to use low-grain quartz sand on the still fresh product.

INSTRUCTIONS FOR USE

The surfaces to be treated must be clean and dry, free from oil or grease stains.

VODITOP PRIMER is ready to use but can be diluted with water up to a ratio of 1:5 if used as an anti-dust primer for the application of colored liquid membranes.

VODITOP PRIMER can be applied several times at intervals of 60 minutes, between one step and the next, at a temperature of approximately 20°C.

The treated surface will be slightly sticky, ideal for the subsequent application of any other water-based product that can follow as soon as the product has cross-linked, taking care to walk on it, using shoes with clean bottoms.

Consumption: from 0,150 to 0,350 kg/sqm

Application: roller, brush or airless pump

Storage: 12 months in original drums

VODIPRIMER SH

Bituminous primer, exhausted solvent-based

KG	PACKAGING
5	metal drums
10	metal drums
20	metal drums



FEATURES

VODIPRIMER SH is a dust-proof, bituminous, brown-coloured undercoat based on exhausted solvents.

PRIMARY USES

VODIPRIMER SH is generally used as a primer for the installation of prefabricated sheaths, for our bituminous waterproofing systems and for the protection of metal or wooden structures.

INSTRUCTIONS FOR USE

VODIPRIMER SH is ready to use. Remove any loose or non-adherent parts from the surfaces to be treated. Shake the product before use. **VODIPRIMER SH** does not contain flammable solvents. Keep the containers closed, outdoors, away from any source of heat, humidity or in a well-ventilated place.

Consumption: from 0,150 to 0,300 kg/sqm

Application: roller, brush or airless pump

Storage: 12 months in original drums

VODIPRIMER

Bituminous, solvent-based primer

KG	PACKAGING
5	metal drums
10	metal drums
20	metal drums



FEATURES

VODIPRIMER is a dustproof, bituminous, highly covering and protective undercoat. Its high bitumen content and low viscosity allow easy priming of the surfaces to be treated.



PRIMARY USES

VODIPRIMER is generally used as a dustproof and adhesion undercoat for the installation of prefabricated bituminous membranes, for our bituminous waterproofing systems and, in prefabrication, as a protective coating for concrete or wooden surfaces. **VODIPRIMER** can also be applied on metal surfaces.

INSTRUCTIONS FOR USE

VODIPRIMER is ready to use. Remove any loose or non-adherent parts from the surfaces to be treated. Shake the product vigorously before use. **VODIPRIMER** contains flammable solvents. Keep the containers closed, outdoors, away from any source of heat, humidity or in a well-ventilated place.

Consumption: from 0,150 to 0,300 kg/sqm

Application: roller, brush or airless pump

Storage: 12 months in original drums

VODIEPOXY PRIMER

Two-component, emulsifiable, transparent, epoxy-polyamide primer for concrete surfaces, plasters and metal substrates

KG	PACKAGING
5 (A+B)	plastic drums
10 (A+B)	plastic drums
20 (A+B)	plastic drums



FEATURES

VODIEPOXY PRIMER is a transparent paint based on epoxy-polyamide resins, two-component, emulsifiable, of new conception.

PRIMARY USES

VODIEPOXY PRIMER is ideal for priming the preparation of floors, especially if in poor conditions of use or crumbling, of which it regulates the absorption and makes the application easier by reducing the consumption of resins used subsequently.

VODIEPOXY PRIMER is also used alone with a transparent anti-dust function and also as a primer for the subsequent installation of liquid membranes based on styrene-acrylic resins.

INSTRUCTIONS FOR USE

It is important that the floors to be treated are clean, dry, free from capillary rising damp from the substrate, free from crumbling parts, grease stains or layers of old paint that is not well anchored. Mix part A with part B well with a drill equipped with a fan for 5 minutes. Then let the product rest for 5 minutes. Then dilute the mixed product with an equal amount of water. For other applications, a dilution of up to a resin/water ratio of 1:8 can be achieved.

Consumption: 0,350 kg/sqm approximately of the product diluted with clean water as needed

Application: short haired roller, brush or airless pump

Storage: 12 months in original drums

POLYMEX PUR PRIMER

One-component, transparent, polyurethane, aliphatic, solvent-based primer

LT	PACKAGING
1	metal jar
5	metal drums
18	metal drums



FEATURES

POLYMEX PUR PRIMER is a one-component primer, based on aliphatic polyurethane resins, completely transparent, suitable for the preparation of substrates where the product VODIRE-SIN SOLFLEX (transparent, liquid, aliphatic polyurethane, one-component, solvent-based membrane) or POLYMEX 2K-T (transparent, liquid, polyurethane-polyurea, aliphatic, two-component, solvent-based membrane) is subsequently applied.

PRIMARY USES

POLYMEX PUR PRIMER can be applied on porous surfaces such as concrete, terracotta, cement bricks, crumbling or highly absorbent surfaces and on smooth surfaces such as glazed tiles, porcelain stoneware, glass or marble.

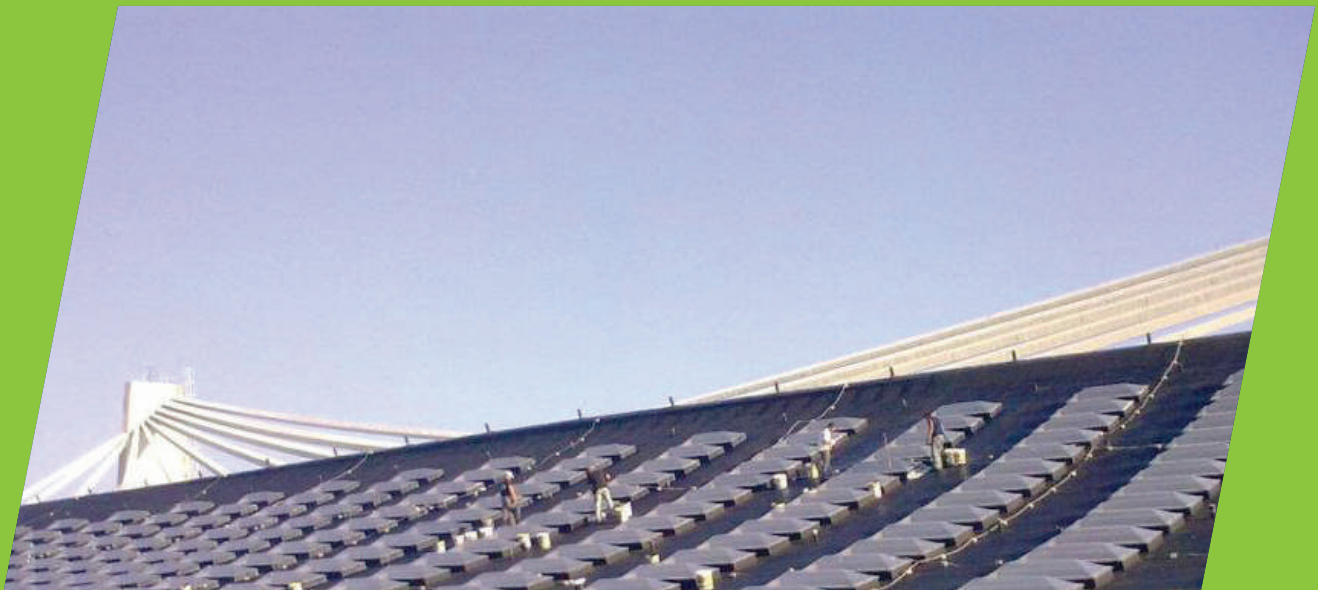
INSTRUCTIONS FOR USE

POLYMEX PUR PRIMER is ready to use. Thoroughly clean the surfaces to be treated, using an antistatic cloth and proceed with the application of the product, using a short-haired roller, brush or spray. The treated surface will be slightly sticky, ideal for the subsequent application of any other one or two-component polyurethane product that can follow as soon as the product is cross-linked, taking care to walk on it, using shoes with clean bottoms.

Consumption: from 0,150 to 0,200 lt/sqm

Application: short haired roller, brush or airless pump

Storage: 12 months in original drums



LIQUID BITUMINOUS MEMBRANES/ BITUMEN- POLYURETHANE

SUGGESTED PRIMERS:

- VODIECOPRIMER (pag. 14)
- VODIPRIMER SH (pag. 16)
- VODIPRIMER (pag. 17)

VODIASFALT

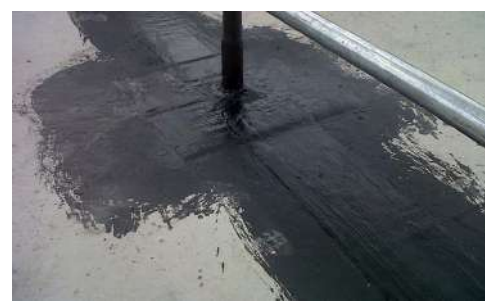
Cold asphalt

KG	PACKAGING
1	plastic jar
5	plastic drums
20	plastic drums



FEATURES

VODIASFALT is a bituminous emulsion (dense paste) with the addition of mineral fillers and thickeners. The film is completely waterproof.



PRIMARY USES

VODIASFALT is generally used for waterproofing and protection in the construction and industrial fields or as a bituminous primer after dilution with water.

INSTRUCTIONS FOR USE

Apply **VODIASFALT** on clean and dry surfaces. The first layer of **VODIASFALT** can be diluted with clean water at a rate of 40%. Once the first layer is completely dry, a second layer can be applied without being diluted. A reinforcement layer of VODITES (T.N.T. 60 gr/sqm) improves its mechanical resistance (product not suitable for large surfaces).

Once dry, it is necessary to protect the **VODIASFALT** film with colored protectors or with aluminum paint.

Consumption: from 0,500 to 3 kg/sqm in more steps

Application: roller, brush or smooth spatula

Storage: 12 months in original drums

VODIPREN 90

Liquid, thixotropic, waterproofing, elastomer-bituminous, water-based membrane

KG	PACKAGING
1	plastic jar
2,5	plastic drums
5	plastic drums
18	plastic drums



FEATURES

VODIPREN 90 is a semi-dense thixotropic paste, obtained by mixing high-quality bitumens, special synthetic resins and mineral fillers. The brown bituminous paste thus obtained, during the drying phase, will take on an intense black color, highlighting excellent adhesion to the support and a very notable elasticity (over 800%).

VODIPREN 90, moreover, has an excellent anchoring power even when applied on vertical surfaces and tolerates temperatures below 0°C.

VODIPREN 90 is also available in the fiber-reinforced version (VODIPREN 90-F) and on request it is possible to formulate the product with anti-root additives.

PRIMARY USES

VODIPREN 90 has been studied and formulated to obtain practical and long-lasting waterproofing of surfaces of all shapes and complexities, both horizontally and vertically. It will therefore be favorably used for the waterproofing of terraces, balconies, pitched roofs, retaining walls, concrete surfaces, slabs, for the restoration of old bituminous membranes, for sealing chimneys, concrete and metal gutters, for gluing insulating panels, for the creation of vapor barriers for the waterproofing of flower boxes (anti-root version), etc.



INSTRUCTIONS FOR USE

VODIPREN 90 is ready for use. Clean the surfaces thoroughly. It is always advisable to reinforce the layer of **VODIPREN 90** by incorporating an elastic non-woven fabric (VODITES 60 gr/sqm), overlapping the sheets by at least 5/7 cm. It is advisable to apply VODIECOPRIMER (bituminous, water-based primer) before spreading **VODIPREN 90**. Once dry, it will be advisable to cover the waterproof layer obtained with **VODIPREN 90** with an elastic colored coating or with an aluminum-colored protective coating.

Consumption: from 1 to 3 kg/sqm in more steps

Application: roller, brush, smooth spatula, airless or peristaltic pump

Storage: 12 months in original drums

VODIPREN 100

Liquid waterproofing, elastomer-bituminous, solvent-based membrane

KG	PACKAGING
1	metal jar
5	metal drums
20	metal drums



FEATURES

VODIPREN 100 is a dense black solution obtained by mixing selected bitumens, special synthetic resins, mineral fillers, additives and solvents. The addition of particular additives allows the application of **VODIPREN 100** even on moderately humid surfaces and at temperatures below 0°C.

The waterproof membrane made with **VODIPREN 100**, when drying, will be characterized by high resistance to high and low temperatures, excellent adhesion to the support and a remarkable elasticity (800%). **VODIPREN 100** is also available in the fiber-reinforced version (VODIPREN 100-F).

PRIMARY USES

VODIPREN 100 can be applied on any type of support, even if moderately damp, capable of tolerating contact with solvents: damp retaining walls, for the repair of concrete or metal gutter channels, for waterproofing small and large structures, for restoration work on damaged bituminous membranes even with applications at very low temperatures, for asbestos encapsulation work, etc.



INSTRUCTIONS FOR USE

VODIPREN 100 is ready to use. Shake the product before use. It is advisable to apply VODIPRIMER SH (bituminous primer, solvent-based and emulsion) or VODIPRIMER (bituminous, solvent-based primer) before applying the product. It is always advisable to reinforce the product using a 60 gr/sqm elastic non-woven fabric, impregnated in the first coat (VODITES), overlapping the sheets by at least 5/7 cm approximately. To ensure the long-lasting performance quality of the finished product, it is recommended to protect the dried film of **VODIPREN 100** with aluminous paints or with an elastic colored coating.

Consumption: from 1 to 3 kg/sqm in more steps

Application: roller, brush, smooth spatula, airless or peristaltic pump

Storage: 12 months in original drums

VODIPREN ECOPUR

Liquid, polyurethane-bituminous, one or two-component, waterproofing, elastic, walkable, water-based membrane

KG	PACKAGING
5	plastic drums
20	plastic drums



FEATURES

VODIPREN ECOPUR is a liquid membrane based on polyurethane resins, water base and bituminous emulsion.

The product, vulcanizing rapidly, produces a very tenacious, elastic film, exceptionally adhesive, with notable chemical and mechanical resistance properties.

VODIPREN ECOPUR is also available in the fiber-reinforced version (VODIPREN ECOPUR-F).



PRIMARY USES

VODIPREN ECOPUR is used for waterproofing terraces and balconies, roofs and flat concrete structures with variable geometries, hanging gardens, for waterproofing under tiles, for re-waterproofing old bituminous membranes and metal roofs, etc.



INSTRUCTIONS FOR USE

VODIPREN ECOPUR is ready to use. To prepare the substrate, it is necessary to thoroughly clean the substrate and apply VODIECOPRIMER (bituminous, water-based primer). It is always advisable to reinforce the **VODIPREN ECOPUR** layer with an elastic T.N.T. (VODITES 60 gr/sqm), overlapping the sheets by at least 5/7 cm approximately. To ensure the long-lasting performance quality of the finished product, it is necessary to cover, after complete cross-linking (at least 7-10 days), the waterproofing layer obtained with an elastic colored coating or with an aluminum-colored protective coating.

Consumption: from 1 to 3 kg/sqm in more steps

Application: roller, brush, smooth spatula, airless or peristaltic pump

Storage: 12 months in original drums

VODIPREN MONOPUR

Liquid, waterproofing, thixotropic, elastic, polyurethane-bituminous, one-component, solvent-based membrane

KG	PACKAGING
1	metal jar
5	metal drums
18	metal drums



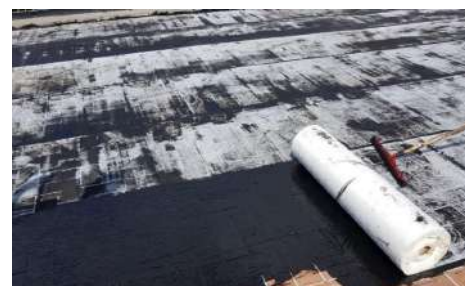
FEATURES

VODIPREN MONOPUR is a liquid membrane based on polyurethane and distilled bitumen in solvent. The product, vulcanizing rapidly, produces a very tenacious elastic and waterproof film, exceptionally adhesive both horizontally and vertically, with notable chemical and mechanical properties. Its particular formulation allows adhesion on supports even without primer, provided they are not dusty or crumbly, since it itself contains adhesion promoters that facilitate its application. Once applied, **VODIPREN MONOPUR** is immediately rainproof.

VODIPREN MONOPUR is also available in the fiber-reinforced version (VODIPREN MONOPUR-F).

PRIMARY USES

VODIPREN MONOPUR is ideal for waterproofing terraces and balconies, roofs and flat concrete structures with variable geometries, underground walls, hanging gardens-flower boxes (in the root-resistant version), bridges and viaducts, under-tile waterproofing, under-floor waterproofing of damp areas (bathrooms and kitchens), re-waterproofing of old bituminous membranes, metal roofs or roofs made with synthetic sheets (PVC, TPO, EPDM), etc.



INSTRUCTIONS FOR USE

VODIPREN MONOPUR is ready to use. It is always advisable to use an anti-dust primer such as VODIPRIMER SH (bituminous primer, solvent and emulsion base) or VODIPRIMER (bituminous, solvent based primer) and reinforce the product by incorporating in the first coat while it is still fresh, an elastic T.N.T. of 60 gr/sqm (VODITES). The product can be diluted up to 10% with the product VODISINT (diluent for polyurethane systems, solvent based). Even if the product has good resistance to UV rays, it will be advisable to cover the waterproof layer obtained with an elastic colored coating or with an aluminum-colored protective coating. On **VODIPREN MONOPUR**, reinforced with T.N.T. where the surface has been sprinkled with quartz sand on the second coat while it is still fresh, it is possible to apply tiles with suitable adhesives.

Consumption: from 1,500 to 3 kg/sqm in more steps

Application: roller, brush, smooth spatula, airless or peristaltic pump

Storage: 6 months in original drums

VODIPREN UNOBIT

Liquid, polyurethane-bituminous, with a pasty consistency, onecomponent, colored, walkable and tileable, multifunctional, water-based membrane

KG	PACKAGING
5	plastic drums
20	plastic drums



**Certifications
relating to the
standard UNI
11928**

COLORS

FEATURES

VODIPREN UNOBIT is a new and innovative liquid system based on polyurethane resins and bitumens, with the addition of appropriate inert fillers that allow the dried product to have good performance in terms of waterproofing, flexibility, mechanical resistance and adhesion to any type of support. The product is characterised by ease of installation which allows for considerable savings in the execution of the work. For these characteristics, **VODIPREN UNOBIT** can be considered a valid alternative to prefabricated bituminous membranes and single and two-component cementitious waterproofing products used in waterproofing and re-waterproofing existing supports (in any case not excessively large). **VODIPREN UNOBIT** is also available in the fibre-reinforced version (VODIPREN UNOBIT-F).

PRIMARY USES

VODIPREN UNOBIT is mainly used to waterproof new structures in CLS, sloping screeds, in lightweight CLS or cellular CLS but it is also advantageously used for re-waterproofing of any type of roofing such as old bituminous membranes, pre-existing flooring, etc. A valid, intelligent and economical method of application involves the combination with the product VODITEC PUR-30 (polyurethane-bituminous, waterproofing, ready to use, water-based adhesive) for bonding the VODITES (T.N.T. 60 gr/smq) with covering of the same using the colored **VODIPREN UNOBIT** product. The product is self-protected, so it does not require additional colored protectors normally used on bituminous roofing.

INSTRUCTIONS FOR USE

VODIPREN UNOBIT is ready to use and is used in combination with VODITES (60 gr/sqm T.N.T.). Shake the product with a drill equipped with a fan to homogenize any sedimented product. For roller or brush applications, a dilution of up to a maximum of 5% of drinking water is recommended. It is always advisable to prime the surfaces to be treated, after carefully cleaning the substrate, with the product VODIECOPRIMER (bituminous, water-based primer), VODIPRIMER SH (bituminous primer, solvent and emulsion-based) or VODIPRIMER (bituminous, solvent-based primer).

Consumption: from 1,500 to 3 kg/sqm in more steps

Application: roller, brush or smooth spatula

Storage: 12 months in original drums



LIQUID POLIURETHANE COLORED AND TRANSPARENT MEMBRANES

SUGGESTED PRIMERS:

- VODITOP PRIMER (pag. 15)
- VODIEPOXY PRIMER (pag. 18)
- POLYMEX PUR PRIMER (pag. 19)

VODICOLOR H.B.

Hybrid liquid, acrylic-polyurethane, aliphatic, waterproofing, one-component, colored, walkable and tileable, water-based membrane



KG	PACKAGING
5	plastic drums
20	plastic drums



COLORS

FEATURES

VODICOLOR H.B. is a one-component waterproofing product, based on silanized aliphatic and acrylic polyurethane resins, specifically formulated to obtain an elastic, walkable and tileable coating, resistant to UV rays and stable at high and low temperatures.

The product is also available in the fiber-reinforced version (VODICOLOR H.B.-F).



PRIMARY USES

VODICOLOR H.B. is advantageously used as a waterproof coating without joints for covering roofs, terraces and balconies, concrete surfaces, old preformed bituminous membranes, cementitious membranes, paved terraces, metal surfaces, etc.

INSTRUCTIONS FOR USE

VODICOLOR H.B. is ready to use. Thoroughly clean the surfaces to be treated (these must be dry, free of oils or grease and loose parts). Prime the surface with the product VODITOP PRIMER (film-forming, transparent, water-based primer). Apply **VODICOLOR H.B.** as is, with immediate overlapping of a 60 gr/sqm elastic T.N.T. (VODITES), making sure that the latter is soaked in the applied coat, previously creating the corners present on the covering and then moving on to the application on the surface, taking care to overlap the T.N.T. sheets by at least 5/7 cm. Once dry, proceed with the application of the second coat.

Consumption: from 1 to 2 kg/sqm in more steps

Application: roller, brush, smooth spatula or airless pump

Storage: 12 months in original drums

VODICOLOR ECOPUR

Liquid, waterproofing, one-component, polyurethane, aliphatic, coloured, walkable, water-based membrane

KG	PACKAGING
5	plastic drums
20	plastic drums



COLORS



FEATURES

VODICOLOR ECOPUR is a single-component waterproofing product, based on aliphatic polyurethane resins, specifically formulated to obtain an elastic, walkable, UV-resistant and stable coating at high and low temperatures.

VODICOLOR ECOPUR is also available in the fibre-reinforced version (VODICOLOR ECOPUR-F).



Certifications
relating to the
standard UNI
11928



PRIMARY USES

VODICOLOR ECOPUR is advantageously used as a waterproof coating without joints for covering roofs, terraces and balconies, concrete surfaces, old preformed bituminous membranes, paved terraces, metal surfaces, roofs made of expanded polyurethane, etc.

INSTRUCTIONS FOR USE

VODICOLOR ECOPUR is ready to use. Thoroughly clean the surfaces to be treated (these must be dry, free of oils or grease and loose parts). Prime the surface with the product VODITOP PRIMER (film-forming, transparent, water-based primer). Apply the **VODICOLOR ECOPUR** as it is, immediately overlapping a 60 gr/sqm elastic T.N.T. (VODITES), making sure that the latter is soaked in the applied coat, previously creating the corners on the covering and then moving on to the application on the surface, taking care to overlap the T.N.T. sheets by at least 5/7 cm. Once dry, proceed with the application of the second coat.

Consumption: from 1,500 to 3 kg/sqm in more steps

Application: roller, brush, smooth spatula or airless pump

Storage: 12 months in original drums

VODICOLOR PUR

Liquid, waterproofing, one-component, polyurethane, aromatic, elastic, coloured, solvent-based membrane

KG	PACKAGING
1	metal jar
6	metal drums
20	metal drums

COLORS 



FEATURES

VODICOLOR PUR is an elastic, single-component, polyurethane, aromatic, moisture-curing membrane for waterproofing and re-waterproofing surfaces of all shapes and sizes. Complies with ETAG-005-6W2 requirements.

VODICOLOR PUR has a simple and practical application, low costs and a long life cycle, good elasticity, excellent adhesion, resistance to stagnant liquids and roots and a uniform appearance.



PRIMARY USES

VODICOLOR PUR is widely used for waterproofing terraces and balconies without demolishing the sub-base, roofs and non-traffic concrete structures, hanging gardens, for protecting polyurethane foam panels, for coating under tiles or on bricks, asbestos cement, for re-waterproofing old bituminous sheaths, etc.



INSTRUCTIONS FOR USE

VODICOLOR PUR must be applied on perfectly clean and dry surfaces. It is always advisable to prime the support with the product VODIEPOXY PRIMER (epoxy-polyamine, two-component, emulsifiable, transparent primer). It is always advisable to reinforce the product with an elastic T.N.T. (VODITES 60 gr/sqm), taking care to overlap the sheets by at least 5/7 cm approximately. Once dry, it will always be necessary to cover the film obtained with a coat of the product VODIRESIN ECOFINISH (aliphatic, film-forming, walkable, transparent, plastic, water-based protector, for aromatic polyurethane systems).

Consumption: from 1,500 to 3 kg/sqm in more steps

Application: roller, brush or airless pump

Storage: 9 months in original drums

VODIRESIN ECOFLEX

Acrylic-polyurethane waterproofing, film-forming, walkable, transparent, non-yellowing, semi-gloss or matt, water-based

LT	PACKAGING
1	plastic jar
5	plastic drums
18	plastic drums



FEATURES

VODIRESIN ECOFLEX is a particular acrylic-polyurethane resin, aliphatic, transparent, non-yellowing, semi-gloss or matt, water-based, modified with plasticizers and additives that promote rapid drying.



PRIMARY USES

VODIRESIN ECOFLEX has been formulated to be used as a monolithic waterproofing for the surface treatment of balconies and terraces. The film made with **VODIRESIN ECOFLEX** adheres well to all types of supports: ceramics, terracotta, concrete and wooden floors, etc.



INSTRUCTIONS FOR USE

The substrates must be completely dry and clean. On particularly smooth substrates, a very light sanding of the substrate may be necessary. It will always be necessary to prevent the application of the product VODITOP PRIMER (film-forming, transparent, water-based primer) or the product VODIEPOXY PRIMER (epoxy-polyamine, two-component, emulsifiable, transparent primer,), we also recommend the use of quartz sand with a low grain size in order to increase the adhesion of the product **VODIRESIN ECOFLEX** and to increase its grip. Avoid applications in full sun or near rain. The complete cross-linking/hardening of the **VODIRESIN ECOFLEX** will be obtained within 10 days. If you want to obtain a much harder and more abrasion-resistant coating, it will be necessary to use the hardener CATAPUR BASE (hardener for polyurethane systems, water-based).

Consumption: from 0,700 to 1 lt/sqm in more steps
Application: short-haired roller, brush or airless pump
Storage: 12 months in original drums

KIT VODIRESIN ECOFLEX

Transparent waterproofing kit for balconies, terraces and wooden surfaces, ready to use, semi-gloss or matt version, water-based

PACKAGING

GLOSS

MATT



FEATURES

VODIRESIN ECOFLEX KIT is made up of 1 kg of the product VODITOP PRIMER (film-forming, transparent, water-based primer), 2 litres of the product VODIRESIN ECOFLEX (acrylic-polyurethane, film-forming, walkable, stain-resistant, transparent, non-yellowing, semi-gloss or matt, water-based waterproofing), a short-haired roller, a pair of gloves and the information leaflet for correct application.

PRIMARY USES

VODIRESIN ECOFLEX KIT has been formulated to be used as a waterproofing for the surface treatment of balconies, terraces and wooden surfaces. The film made with VODIRESIN ECOFLEX adheres well to all types of supports: ceramics, terracotta, concrete and wooden floors, etc.

INSTRUCTIONS FOR USE

The substrates must be completely dry and clean. On particularly smooth substrates, very light sanding of the substrate may be necessary. Apply one coat of the VODITOP PRIMER product with a consumption of approximately 0,250-0,300 kg/sqm, using the roller provided. Rinse the roller used with running water. Once dry, the VODITOP PRIMER product will be slightly sticky. Then apply two coats of the **VODIRESIN ECOFLEX** product with a total consumption between the first and second coat of approximately 0,500-0,600 lt/sqm, carefully drying the first coat before applying the second. The complete cross-linking/hardening of the **VODIRESIN ECOFLEX** will be achieved within 10 days.

Consumption: 0,350 kg/ sqm of VODITOP PRIMER - from 0,500 to 0,600 lt/sqm of VODIRESIN ECOFLEX

Application: short-haired roller

Storage: 12 months in original drums

VODIRESIN SOLFLEX

Liquid, transparent, polyurethane-aliphatic, one-component, solvent-based membrane

KG	PACKAGING
1	metal jar
2,5	metal drums
5	metal drums
18	metal drums



FEATURES

VODIRESIN SOLFLEX is a one-component, transparent liquid membrane based on aliphatic polyurethane resins. The product creates a perfectly transparent, flexible and elastic film that does not yellow when exposed to the sun.



PRIMARY USES

VODIRESIN SOLFLEX can be used on floors in cement grit, single-fired tiles, porcelain stoneware, natural stone, terracotta, wood and metal, etc., safeguarding the natural beauty of the support where applied.

INSTRUCTIONS FOR USE

The substrates must be clean, compact and dry, with a humidity level lower than 5%. It is always advisable to apply the product POLYMEX PUR PRIMER (one-component, transparent, polyurethane, aliphatic, solvent-based primer). This product, after drying, will remain slightly sticky. **VODIRESIN SOLFLEX** is ready to use. Mix the product gently and apply it in one or more coats using a short-haired roller, brush or airless pump.

Consumption: from 0,700 to 1 kg/sqm in more steps

Application: short-haired roller, brush or airless pump

Storage: 12 months in original drums



LIQUID SYNTHETIC COLORED MEMBRANES

SUGGESTED PRIMERS:

- VODITOP PRIMER (pag. 15)

VODICOLOR BASE

Liquid, acrylic, flexible and elastic, walkable, coloured, water-based membrane



KG	PACKAGING
1	plastic jar
5	plastic drums
20	plastic drums



COLORS

FEATURES

VODICOLOR BASE is a liquid, acrylic, colored, water-based membrane, designed and formulated to guarantee high coverage and excellent adhesion to the substrate thanks to the use of special covering fillers and suitable synthetic resins. **VODICOLOR BASE** is also available in the fiber-reinforced version (**VODICOLOR BASE-F**).



PRIMARY USES

VODICOLOR BASE is widely used as a colored protective coating for prefabricated bituminous membranes. The dried film of **VODICOLOR BASE** offers excellent resistance to acid rain, aggressive atmospheres and ultraviolet rays from the sun. The dried film is excellent for walking. Also used for painting internal and external walls, it guarantees high breathability.

VODICOLOR BASE is also used for coloring sports floors made with well-draining cement or bituminous conglomerates and cycle paths.

INSTRUCTIONS FOR USE

Clean the substrates thoroughly. It is always preferable to apply a first coat of primer made using the product **VODITOP PRIMER** (film-forming, transparent, water-based primer), diluted with clean water. Once dry, **VODICOLOR BASE** can be applied as is. For more secure waterproofing, it is always necessary to apply a 60 gr/sqm elastic reinforcement sheet (**VODITES**), between one coat and the next of **VODICOLOR BASE**, taking care to overlap the sheets by at least 5/7 cm approximately. It is essential to provide suitable slopes for the sloping screeds, in order to avoid prolonged stagnation of water above the film made with **VODICOLOR BASE**.

Consumption: from 0,600 to 2 kg/sqm in more steps

Application: roller, brush or airless pump

Storage: 12 months in original drums

VODICOLOR PLUS

Liquid, acrylic, coloured, walkable, non-slip and tileable, water-based membrane

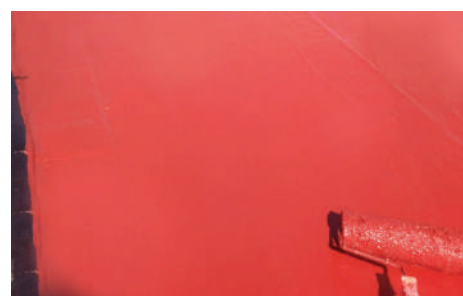
KG	PACKAGING
1	plastic jar
5	plastic drums
20	plastic drums



COLORS

FEATURES

VODICOLOR PLUS is a flexible, colored, water-based waterproofing protector, designed and formulated to guarantee high coverage and excellent adhesion to the substrate thanks to the use of special covering fillers and suitable synthetic resins. The dried film is characterized by considerable resistance to abrasion and the constant presence of water and can be over-tiled. **VODICOLOR PLUS** is also available in the fiber-reinforced version (**VODICOLOR PLUS-F**).



PRIMARY USES

VODICOLOR PLUS provides a highly effective protective and waterproofing function when applied on cement and wooden substrates, but it is widely used as a colored, walkable protective product applied on prefabricated bituminous membranes, as a replacement for paint products, and on our waterproofing systems. The dried film of **VODICOLOR PLUS** offers excellent resistance to acid rain, aggressive atmospheres and ultraviolet rays from the sun.

INSTRUCTIONS FOR USE

Clean the surfaces thoroughly. It is always preferable to apply a base coat made using the product **VODITOP PRIMER** (film-forming, transparent, water-based primer), diluted with clean water. Once dry, **VODICOLOR PLUS** can be applied as it is. It is always recommended to reinforce the product using a 60 gr/sqm elastic non-woven fabric, incorporated into the first coat (**VODITES**).

Consumption: from 1 to 2,500 kg/sqm in more steps

Application: roller, brush or smooth spatula

Storage: 12 months in original drums

VODICOLOR EXTRA

Liquid, acrylic, waterproofing, elastic, coloured, water-based membrane



KG	PACKAGING
1	plastic jar
5	plastic drums
20	plastic drums



COLORS

FEATURES

VODICOLOR EXTRA is a liquid waterproofing membrane, elastic, colored, based on synthetic resins in aqueous dispersion, whose dried film is characterized by considerable elasticity and high waterproofing power.

VODICOLOR EXTRA is also available in the fiber-reinforced version (**VODICOLOR EXTRA-F**).



PRIMARY USES

VODICOLOR EXTRA has excellent covering power and excellent adhesion on cement substrates, plasters, on bituminous roofing of any kind, on fibre cement slabs, etc. It is also used as an anchoring protector on the surfaces of slate membranes in order to prevent further detachment of the slate flakes and to restore a uniform colour.

VODICOLOR EXTRA offers excellent resistance to acid rain, aggressive atmospheres and ultraviolet rays.

Certified product for the encapsulation of asbestos cement combined with the product **VODIFIX** (fixative for asbestos cement slabs) for extrados encapsulation.

INSTRUCTIONS FOR USE

Clean the substrates thoroughly. It is always recommended to prime the substrate using the **VODITOP PRIMER** product (film-forming, transparent, water-based primer), diluted with clean water.

Once dry, **VODICOLOR EXTRA** can be applied as is. For waterproofing large surfaces, it is always recommended to use a 60 gr/sqm elastic reinforcement sheet (**VODITES**) placed between the two layers of **VODICOLOR EXTRA**, taking care to overlap the sheets by at least 5/7 cm approximately. It is necessary to provide suitable slopes for the sloping screeds, in order to avoid water stagnation above the waterproof film made with **VODICOLOR EXTRA**.

Consumption: from 0,800 to 2 kg/sqm in more steps

Application: roller, brush or airless pump

Storage: 12 months in original drums

VODICOLOR EXTRAREFLEX

Liquid, acrylic, waterproofing, elastic, white, fiber-reinforced, water-based, **high reflectance** membrane

KG	PACKAGING
5	plastic drums
20	plastic drums

COLORS



FEATURES

VODICOLOR EXTRAREFLEX is a waterproofing liquid membrane, elastic, white, fiber-reinforced, with high reflectance, based on synthetic resins in aqueous dispersion and particular hollow fillers that provide a high reflectance power and thermal emissivity. **Product with SRI 106 certification** that allows a significant decrease in temperature below the rooms where it is applied. **VODICOLOR EXTRAREFLEX** is also available in the **fireproof version** (Broof t2 classification).

PRIMARY USES

VODICOLOR EXTRAREFLEX has excellent covering power. It is used as an anchoring protector on the surfaces of slate membranes in order to prevent further detachment of the slate flakes and to restore a uniform color and at the same time a notable decrease in the temperature below the rooms where it is applied. The excellent quality of the elastomeric resins, additives and pigments used in the formulation guarantee excellent waterproofing and good vapour permeability. The dried film is elastic and flexible, able to accommodate any "movements" of the support where it is applied. **VODICOLOR EXTRAREFLEX** offers excellent resistance to acid rain, aggressive atmospheres and ultraviolet rays.

INSTRUCTIONS FOR USE

Clean the substrates thoroughly. Prime the substrate with the product VODITOP PRIMER (film-forming, transparent, water-based primer). Once dry, **VODICOLOR EXTRAREFLEX** can be applied as is in two passes, crossing the second over the previous coat. It is necessary to provide suitable slopes for sloping screeds, in order to avoid water stagnation above the waterproof film created with **VODICOLOR EXTRAREFLEX**.

Consumption: from 0,800 to 2 kg/sqm in more steps

Application: roller, brush or peristaltic pump

Storage: 12 months in original drums



VODICOLOR TOP PISCINA

Liquid, acrylic, one-component, elastic, coloured, water-based membrane, specific for swimming pools



KG	PACKAGING
5	plastic drums
20	plastic drums



COLORS 

FEATURES

VODICOLOR TOP PISCINA is a colored liquid membrane based on modified synthetic resins capable of guaranteeing an absolutely waterproof and elastic layer over time but, above all, a film **resistant to prolonged contact with stagnant water** (swimming pool effect).



PRIMARY USES

VODICOLOR TOP PISCINA is a totally ecological, elastic and flexible product, suitable for waterproofing, protecting and coloring swimming pools made with cement plaster, tanks and channels in CLS, thanks to its broad spectrum of action against various additives and specific for swimming pools, as well as thanks to its resistance to chlorine.

INSTRUCTIONS FOR USE

Make sure that a vapour barrier has been provided on the extrados of the vertical parts of the concrete and on the bottom. If this has not been provided, we recommend creating one by applying the product POLYMEX BARRIERA (epoxy-cement barrier, three-component, emulsifiable, against rising damp). Prime all surfaces with the product VODITOP PRIMER (film-forming, transparent, water-based primer), and apply **VODICOLOR TOP PISCINA** in a double pass. The pools must be filled after approximately 7-10 days. All applications must be carried out in the absence of sun (early morning).

Consumption: from 0,600 to 0,800 kg/sqm in more steps

Application: roller, brush or airless pump

Storage: 12 months in original drums

POOL REDEVELOPMENT IN FIBERGLASS



CONCRETE POOL RECONDITIONING





RESIN COATING FOR FLOORS

SUGGESTED PRIMERS:

- VODITOP PRIMER (pag. 15)
- VODIEPOXY PRIMER (pag. 18)

VODIRESIN SPORT

Acrylic, waterproof, coloured, for cycle paths, outdoor sports areas and pedestrian walkways, water-based resin

KG	PACKAGING
20	plastic drums



FEATURES

VODIRESIN SPORT is an acrylic resin in aqueous emulsion, studied and tested for the creation of cycle paths, pedestrian walkways, urban furniture in general. Its particular formulation allows the creation of a film exceptionally resistant to abrasion, tangential stresses, acid rain as well as the aggressive action of fuels in general. The available colors are gray, white, red, light green, dark green, light blue and yellow ochre.



PRIMARY USES

VODIRESIN SPORT is advantageously used for the construction of cycle paths built on asphalt and concrete surfaces where it offers a perfectly uniform surface in color and exceptionally resistant to wear. The characteristics of the product derive from experience on the construction site as well as from tests carried out according to the EN 14836 standard.

INSTRUCTIONS FOR USE

VODIRESIN SPORT is ready to use. The surfaces to be treated must be perfectly clean and free from oils and greases. It is always advisable to prime the surfaces to be treated with the product VODITOP PRIMER (film-forming, transparent, water-based primer) or better still with the product VODIEPOXY PRIMER (epoxy-polyamine, two-component, emulsifiable, transparent primer). Once dry, proceed with the application of **VODIRESIN SPORT** as is in at least two passes. In the presence of compact and non-draining substrates, evaluate the need to use a vapor barrier (POLYMEX BARRIERA) to avoid rising damp and therefore detachment of the dried film.

Consumption: from 1 to 1,500 kg/sqm in more steps
Application: roller, brush, smooth spatula or rubber squeegee
Storage: 12 months in original drums

VODIRESIN ECOPUR CL

Polyurethane, colored, waterproof, dustproof, for floors and artifacts in concrete, wood and metal, water-based protector

KG	PACKAGING
5	plastic drums
20	plastic drums



FEATURES

VODIRESIN ECOPUR CL is a dispersion of modified polyurethane resins with rapid drying. The particular formulation allows to create an abrasion-resistant coating with excellent adhesion and waterproofing characteristics to the support where applied.

The surfaces coated with **VODIRESIN ECOPUR CL**, added with 10% of the product CATAPUR BASE (hardener for polyurethane systems, water-based) on the weight of **VODIRESIN ECOPUR CL** (two-component), comply with the indications given by the **H.A.C.C.P.** directive as they avoid the formation of dirt accumulations as they are easily cleaned and decontaminated with specific detergents used in the food industry.

PRIMARY USES

VODIRESIN ECOPUR CL is normally used for the protection of concrete works such as industrial floors, prefabricated concrete, wood and metal products, factory floors in general, garages, tanks, external plasters, on all concrete surfaces that can be damaged by abrasion, high and low temperatures, prolonged contact with acidic and basic substances as well as water containing hydrocarbons. **VODIRESIN ECOPUR CL** is also used on stamped asphalt. The addition of the product CATAPUR BASE (hardener for water-based polyurethane systems) makes the product perfectly suitable for driveways and for contact with food. The product is widely used in the resin coating of floors of oil mills, wine and dairy industries as well as garages, mechanical workshops, for concrete tanks and cisterns intended for the containment of drinking water, wine, oil and vinegar.

INSTRUCTIONS FOR USE

VODIRESIN ECOPUR CL is ready to use. Clean the surfaces to be treated thoroughly. Apply VODIEPOXY PRIMER (epoxy-polyamine, two-component, emulsifiable, transparent primer) with the addition of quartz sand. Then apply **VODIRESIN ECOPUR CL** at least in 2 passes. During each application, always use a heavy bubble-breaking roller. The complete cross-linking of the product will be obtained in approximately 10 days.



Consumption: from 0,500 to 0,800 kg/sqm in more steps

Application: roller, brush or airless pump

Storage: 12 months in original drums

VODIRESIN ECOPUR TR

Polyurethane, water-based protector, transparent, glossy or matt, waterproof, dustproof, for floors and concrete products, stone elements, wood and metal

KG	PACKAGING
5	plastic drums
18	plastic drums



FEATURES

VODIRESIN ECOPUR TR is a dispersion of modified polyurethane resins with rapid drying. The particular formulation allows to create, once the film has dried, an abrasion-resistant coating with excellent adhesion and waterproofing characteristics to the support where applied. The product with a milky white liquid appearance, when drying, becomes transparent and flexible.

PRIMARY USES

VODIRESIN ECOPUR TR can be used as an anti-evaporation barrier, managing to contain the evaporation of the mixing water as it forms a protective film on the treated surface that maintains 90-95% of the humidity present for several days. **VODIRESIN ECOPUR TR** is therefore normally used for the curing to protect concrete works such as industrial floors in general, prefabricated concrete products, stone, wood and metal elements, airport runways, tanks, canals and bridges, external plasters or on all concrete surfaces that can be deteriorated by ventilation, high temperatures or low relative humidity.

INSTRUCTIONS FOR USE

VODIRESIN ECOPUR TR is ready to use.

Used as an anti-evaporative filming agent: dilute the product 1:3 or 1:4 depending on the temperature and the size of the surface to be treated. Spray the diluted product on the concrete surfaces to be preserved as soon as the first exudation water has disappeared.

Used as a protective, reinforcing, dustproof: thoroughly clean the surfaces to be treated and then apply the product as is on the dry surface. If desired, in order to further increase the resistance to abrasion, you can use the product CATAPUR BASE (hardener for water-based polyurethane systems) from 5% to 10% of the weight of the product. The complete cross-linking of the product will be obtained in approximately 30 days.

Consumption: from 0,300 to 0,500 kg/sqm in more steps

Application: roller, brush or airless pump

Storage: 12 months in original drums

VODIRESIN COLOR

Colored, dustproof, for industrial floors, resistant to hydrocarbons, solvent-based protective

KG	PACKAGING
20	metal drums



FEATURES

VODIRESIN COLOR is a one-component protective paint made with solvent-based synthetic resins and characterised by good resistance to hydrocarbons as well as impact and abrasion.



PRIMARY USES

VODIRESIN COLOR is advantageously used for dust-proof protective coating of industrial floors.

VODIRESIN COLOR will provide a secure waterproofing and a sufficiently flexible surface with a pigmentation highly resistant to UV rays.



INSTRUCTIONS FOR USE

VODIRESIN COLOR can be applied on dry and well-cleaned surfaces. On dusty surfaces, it is always advisable to apply a coat of VODIRESIN PROTECT (film-forming, transparent, solvent-based protective product). Once dry, apply the first coat of **VODIRESIN COLOR**. The second coat of **VODIRESIN COLOR** can be applied after 24 hours.

Consumption: from 0,500 to 0,700 kg/sqm in more steps

Application: roller, brush or airless pump

Storage: 12 months in original drums

VODIRESIN PROTECT

Protective, film-forming, waterproofing, transparent, consolidating, solvent-based primer

LT	PACKAGING
5	metal drums
18	metal drums



FEATURES

VODIRESIN PROTECT is a protective coating based on thermoplastic resins, solvent-based, with good resistance to hydrocarbons.



PRIMARY USES

VODIRESIN PROTECT is mainly used as a universal primer for the subsequent laying of water-based liquid membranes, based on styrene-acrylic, silane, polyurethane resins, etc. (the use of low-grain quartz sand is recommended in order to increase the adhesion of subsequent coatings), and as a coating for exposed concrete (glossy effect). Used in several coats, it can create a very tenacious transparent film recommended as an anti-dust coating for industrial floors subject to heavy traffic and as a coating for floors printed in CLS. It is also used as a consolidant and anti-chalking agent for the treatment of sandstone.

INSTRUCTIONS FOR USE

The surfaces to be treated must be clean and dry, free from oil or grease stains. The product is ready to use. **VODIRESIN PROTECT** can be applied several times by following the steps below, 60 minutes apart at a temperature of approximately 20°C.

Consumption: from 0,150 to 0,300 lt/sqm in more steps

Application: short-haired roller, brush or airless pump

Storage: 12 months in original drums

VODIRESIN GRIT

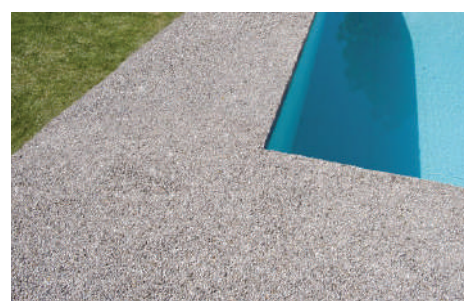
Two-component, polyurethane, aliphatic, non-yellowing, water-based resin for draining grit floors

KG	PACKAGING
12,5 (A+B)	plastic drums



FEATURES

VODIRESIN GRIT is a two-component aliphatic polyurethane system, specifically for the creation of draining external flooring in stone chips or natural pebbles. The **VODIRESIN GRIT** system is characterized by excellent mechanical and chemical resistance combined with ease of use and high speed of execution.



PRIMARY USES

VODIRESIN GRIT is used to advantage for the creation of pedestrian areas, avenues, cycle paths, courtyards, gardens where the permanent naturalness of the aggregates is required, as well as the need to make the surfaces to be treated drainable.



INSTRUCTIONS FOR USE

Thoroughly clean the substrate, which must be dry and free of loose material. It is recommended to use VODIEPOXY PRIMER (epoxy-polyamine, two-component, emulsifiable, transparent primer) if the screed is crumbling. Mix the product (A+B) in a ratio of 800 ml of resin with 200 ml of hardener, pouring it into the mixer where the aggregates will be added.

The aggregate/binder ratio varies significantly depending on the nature, grain size and shape of the grit/pebble.

Consumption: please consult the technical data sheet

Application: smooth spatula or mechanical vibratory compactor

Storage: 12 months in original drums

POLYEPOXY FLOOR

Epoxy coating, two-component, self-leveling, glossy, coloured, for industrial floor coverings, water-based

KG	PACKAGING
20 (A+B)	plastic drums



COLORS



FEATURES

POLYEPOXY FLOOR is an armored floor coating, based on epoxy resin. The product is solvent-free, self-leveling, suitable for resin coatings with high chemical, mechanical and abrasion resistance.

PRIMARY USES

POLYEPOXY FLOOR is suitable for the creation of industrial floors that can be walked on and driven over as well as floors and walls of residential environments (also supplied in RAL colors on request), for the coating of surfaces in CLS, cement bricks and ceramic, also applicable on metal surfaces. **POLYEPOXY FLOOR** makes the environments visually pleasing with a glossy effect.

INSTRUCTIONS FOR USE

POLYEPOXY FLOOR is supplied in separate packages. Mix part A with part B. Pour the mixture onto the floor to be treated and work it. Immediately after spreading, go over the coating with a suitable heavy bubble-breaking roller. The surfaces to be treated must be perfectly dry and clean. It is always advisable to apply the product VODIEPOXY PRIMER (epoxy-polyamine primer, two-component, emulsifiable, transparent) to the substrate with the addition of quartz sand.

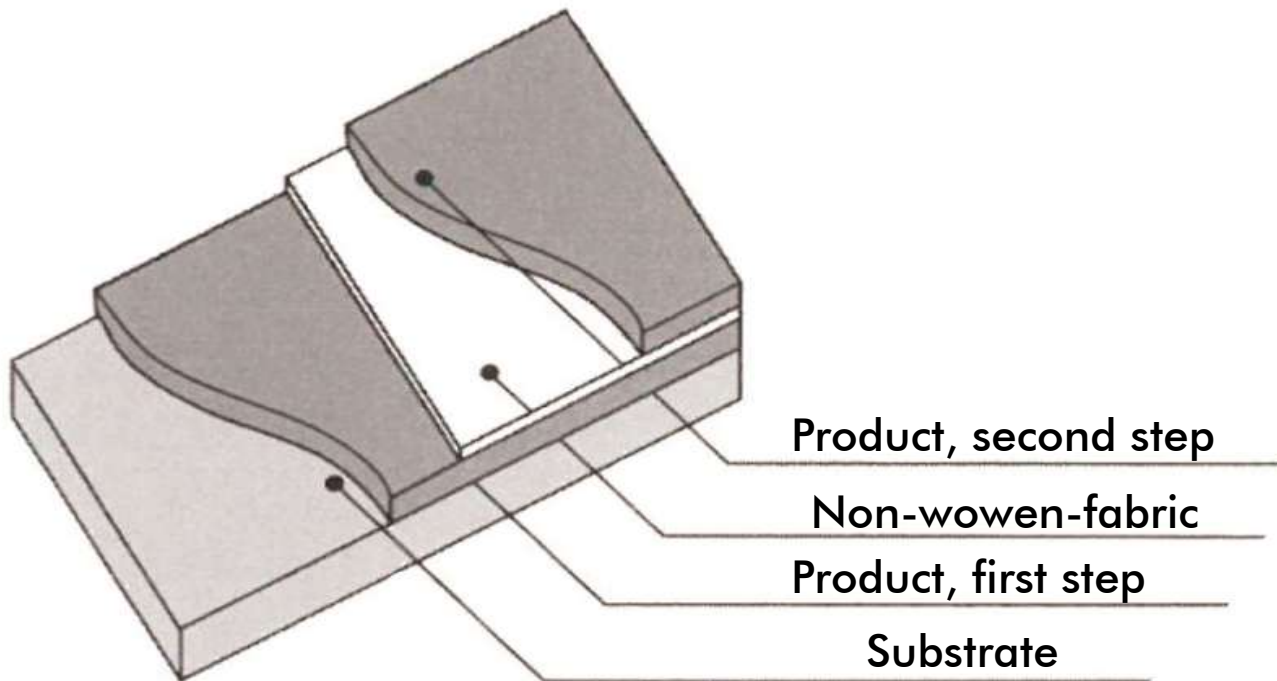
Consumption: from 1 to 4 kg/sqm in more steps

Application: roller, brush, smooth spatula, rubber squeegee or airless pump

Storage: 12 months in original drums



SUGGESTS TO USE VODITES NON-WOVEN-FABRIC



- MORE STABILITY
- MORE MECHANICAL AND TRACTION RESISTANCE
- MORE TANGENTIAL TENSIONS RESISTANCE



COLORED AND TRANSPARENT PROTECTIVES

VODICOLOR AC

Acrylic, film-forming, elastic, continuous, coloured, water-based protective

KG	PACKAGING
5	plastic drums
20	plastic drums



COLORS

FEATURES

VODICOLOR AC is an acrylic, film-forming, elastic, continuous, colored, water-based protective product, designed and formulated to guarantee high covering power and excellent adhesion to the substrate thanks to the use of special covering fillers and suitable synthetic resins.

A 20 kg pack covers up to 80 sqm of surface.



PRIMARY USES

VODICOLOR AC provides a very effective protective function when applied on cementitious substrates and plasters, but is widely used as a colored waterproofing protector for prefabricated bituminous membranes as a replacement for aluminum pigment-based paint products; it can also be used as a colored liquid membrane. The dried film of **VODICOLOR AC** is highly adhesive and sufficiently flexible, capable of accommodating any "movements" of the bituminous membrane on which it is applied. **VODICOLOR AC** offers excellent resistance to acid rain, aggressive atmospheres and ultraviolet rays from the sun. The dried film is excellent for walking on. Used for painting internal and external walls, it guarantees high breathability.

INSTRUCTIONS FOR USE

Clean the substrates thoroughly. It is always preferable to apply a first coat of primer made by diluting **VODICOLOR AC** with 20-30% water. Once dry, **VODICOLOR AC** diluted with 15% water can be applied. On prefabricated bituminous membranes, it is advisable to apply the product with a maximum dilution of 10%.

Consumption: from 0,250 to 1,500 kg/sqm in more steps

Application: roller, brush, smooth spatula or airless pump

Storage: 12 months in original drums

VODIRALL ECO

Resinous, reflective, water-based aluminum, high yield

LT	PACKAGING
5	metal drums
10	metal drums
18	metal drums

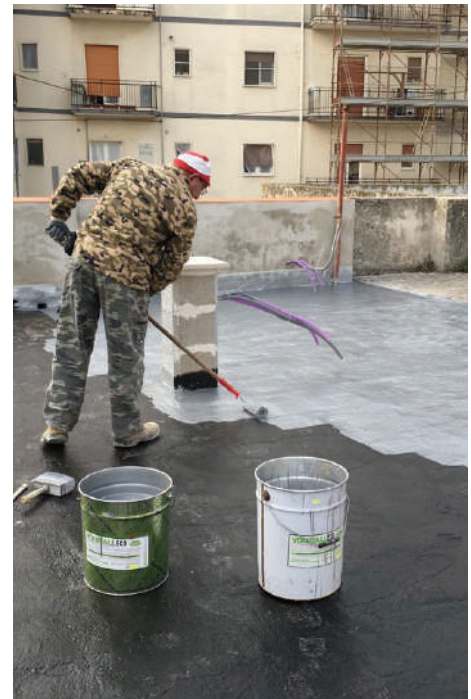


FEATURES

VODIRALL ECO is a protective coating of bright silver color, innovative in its formulation because it is completely ecological and non-flammable. These requirements make the product easy to store, since it is non-toxic-harmful, even if stored in large quantities.

PRIMARY USES

VODIRALL ECO can be applied on any type of dry support but finds its ideal place as a protective coating of prefabricated bituminous membranes on which it will produce a silver-colored, homogeneous and streak-free film. The film made with **VODIRALL ECO** is also sufficiently elastic, able to accommodate the "movements" of the bituminous membrane where applied.



INSTRUCTIONS FOR USE

VODIRALL ECO is ready to use. Mix the product vigorously in its container. It is always advisable to apply **VODIRALL ECO** on waterproof bituminous membranes laid for at least 90 days in order to obtain uniform gloss and adhesion. It is necessary to provide suitable slopes of the sloping screeds in order to avoid water stagnation above the dried **VODIRALL ECO** coating.

Consumption: from 0,100 to 0,150 lt/sqm

Application: roller, brush or airless pump

Storage: 12 months in original drums

VODIRALL EXTRA

Resinous, reflective, solvent-based aluminum, high yield

LT	PACKAGING
5	metal drums
10	metal drums
18	metal drums



FEATURES

VODIRALL EXTRA is a protective paint pigmented with aluminum powder and enriched with resins in solvents, formulated to guarantee excellent adhesion to the supports and long-lasting protection over time. The right balance between the solvents used guarantees excellent brilliance and a very low cost/sqm ratio.



PRIMARY USES

VODIRALL EXTRA is generally used for the protection of roofs made with prefabricated bituminous membranes, improving their aesthetic appearance and helping to reduce the absorption and transfer of heat from radiation thanks to its high reflective power. Its high degree of adhesion also allows applications on metal carpentry.



INSTRUCTIONS FOR USE

VODIRALL EXTRA is ready to use. Mix the product vigorously in its container before application. It is always advisable to apply **VODIRALL EXTRA** on waterproof bituminous membranes laid for at least 90 days, in order to obtain uniform gloss and adhesion.

Consumption: from 0,100 to 0,150 lt/sqm

Application: roller, brush or airless pump

Storage: 12 months in original drums

VODIMETAL

Protective, colored, metallic, reflective, water-based coating, very high yield

LT	PACKAGING
5	metal drums
18	metal drums

COLORS 



FEATURES

VODIMETAL is a protective coating available in red, green, blue or metallic copper colors, innovative in its formulation since it is completely ecological and non-flammable. These requirements make **VODIMETAL** easy to store, since it is not toxic-harmful, even if stored in considerable quantities.



PRIMARY USES

VODIMETAL can be applied on any type of dry support but finds its ideal location as a protective coating of prefabricated bituminous layers (even slated) on which it will produce a red, green, blue or metallic copper colored film, uniform and free of streaks. The film made with **VODIMETAL** is also sufficiently elastic to accommodate the "movements" of the bituminous membrane where applied.



INSTRUCTIONS FOR USE

VODIMETAL is ready to use. Mix the product vigorously in its container. For application on new prefabricated bituminous surfaces, it will be necessary to wait at least 90 days before laying **VODIMETAL**.

Consumption: from 0,100 to 0,150 lt/sqm

Application: roller, brush or airless pump

Storage: 12 months in original drums

VODILAST

Protective fixative, transparent, for bituminous slate membranes, water-based

LT	PACKAGING
10	plastic drums
18	plastic drums



FEATURES

VODILAST is a transparent waterproofing protector based on plasticized acrylic resins in aqueous emulsion. **VODILAST** is an exceptionally adhesive and elastic product.



PRIMARY USES

VODILAST can be used as a primer for the subsequent installation of coloured liquid membranes on any type of support but is above all used to protect and fix the slate in roofs made with prefabricated slate membranes which, over time, release the flakes with which they are covered due to the action of freezing and thawing, the abrasive action of wind and rain, as well as the oxidation of bitumen.

INSTRUCTIONS FOR USE

VODILAST must be diluted with water up to a ratio of 1 part **VODILAST** + 2 parts water. If used as a fixing primer, the dilution will be 1 part **VODILAST** + 1 part water. It can also be applied in a single coat, if diluted with a smaller quantity of water.

Consumption: from 0,200 to 0,300 lt/sqm of the product diluted with clean water

Application: roller, brush or airless pump

Storage: 12 months in original drums

VODISIL

Silicone impregnating agent, transparent, consolidating, water-repellent, water-based

LT	PACKAGING
5	plastic drums
10	plastic drums
18	plastic drums



FEATURES

VODISIL is an impregnating, transparent, consolidating paint based on silicate crystals in emulsion. Applied on porous surfaces it acts by absorption and when drying it forms a dense network of invisible crystals that guarantees for several years absolute impermeability of the treated structures without changing their appearance and breathability.

PRIMARY USES

VODISIL is used for the treatment of all absorbent surfaces such as plaster, concrete, terracotta bricks, stone, tuff, etc.

INSTRUCTIONS FOR USE

VODISIL must be applied on dry and dust-free surfaces. **VODISIL** can be applied in one or two coats, taking care to follow the second coat on the first while it is still fresh. If necessary, to ensure absolute waterproofing even in the mass, it is possible to immerse the terracotta, cement, stone, etc. artefacts in tanks containing **VODISIL**.

Consumption: from 0,150 to 0,300 lt/sqm in more steps

Application: roller, brush or airless pump

Storage: 12 months in original drums

VODISIL SOLVENT

Silicone impregnating agent, transparent, consolidating, water-repellent, solvent-based

LT	PACKAGING
5	metal drums
10	metal drums
20	metal drums



FEATURES

VODISIL SOLVENT is a transparent, consolidating impregnating paint based on silicones and solvent-based silicate crystals. Applied on porous surfaces, it acts by absorption and drying it forms a dense network of invisible crystals that guarantees absolute impermeability of the treated structures for several years without altering their appearance and breathability.



PRIMARY USES

VODISIL SOLVENT is used for the treatment of all absorbent surfaces such as plaster, concrete, terracotta bricks, stone, etc. Applied on stones, tufts and plasters, it protects the surface from absorbing water, avoiding external efflorescence phenomena, preserving the internal environments from humidity.

INSTRUCTIONS FOR USE

VODISIL SOLVENT must be applied on dry and dust-free surfaces. **VODISIL SOLVENT** can be applied in one or more coats, taking care to follow the second coat on the first while it is still fresh. If necessary, to ensure absolute waterproofing even in the mass, it is possible to immerse the terracotta, cement or stone products in tanks containing **VODISIL SOLVENT**.

Consumption: from 0,100 to 0,300 lt/sqm in more steps

Application: roller, brush or airless pump

Storage: 12 months in original drums

VODISIL RIPARABALCONI

Silicone impregnator, transparent, water-repellent, non-film forming, solvent-based

LT	PACKAGING
1	metal jar
5	metal drums
10	metal drums



FEATURES

VODISIL RIPARABALCONI is a concentrated solution of fluoropolymer resins in aliphatic solvents that allows the creation of waterproofing thanks to its high characteristic of impregnation of the supports.



PRIMARY USES

VODISIL RIPARABALCONI is advantageously used as a waterproofing to be applied directly on tiled floors, such as balconies, terraces and stairs. Its characteristic allows the formation of very small silicone crystals when the product is absorbed by the impregnable parts of the support. It follows that the surfaces to be treated do not have to be demolished but it will be necessary to restore any cracks present on the supports. The transparent and breathable barrier created using **VODISIL RIPARABALCONI** allows the immediate use of the covering since the product reacts quickly without changing its appearance and without leaving any traces with evident savings in time and money.

INSTRUCTIONS FOR USE

VODISIL RIPARABALCONI should be applied on dry and dust-free surfaces. The product can be applied in one or two coats, taking care to follow the second coat on the first while it is still fresh.

Consumption: from 10 to 15 sqm/lit in more steps

Application: roller, brush or water squeegee

Storage: 12 months in original drums

VODIRESIN ECOFINISH

Aliphatic, film-forming, walkable, transparent, plastic, water-based protective agent for aromatic polyurethane systems

LT	PACKAGING
5	plastic drums
18	plastic drums



FEATURES

VODIRESIN ECOFINISH is a particular polyurethane resin, aliphatic, transparent, water-based, modified with plasticizers and additives that favor rapid drying. The film made with **VODIRESIN ECOFINISH** does not yellow over time.

PRIMARY USES

VODIRESIN ECOFINISH has been formulated to be used as a protective film, walkable, transparent, plastic, for aromatic polyurethane systems. **VODIRESIN ECOFINISH** is used as a finishing layer for waterproofing systems where products such as VODICOLOR PUR (liquid membrane, one-component, polyurethane, moisture-curing, elastic, colored, solvent-based) or POLYMEX 1K-C (liquid membrane, one-component, polyurethane, moisture-curing, elastic, colored, solvent-based) are used as a shielding product for UV rays or to make the surface even more walkable.

INSTRUCTIONS FOR USE

VODIRESIN ECOFINISH is ready to use. Thoroughly clean the surface to be treated and wipe it with an antistatic cloth. Then proceed with the application of **VODIRESIN ECOFINISH** which will be walkable 24 hours after application at a temperature of approximately 20°C. To obtain non-slip surfaces, it will be advisable to scatter low-grain quartz sand over the fresh product. Do not place any objects (chairs, tables, vases, etc.) on the dried film before it has completely cross-linked (approximately 10 days).

Consumption: from 0,250 to 0,300 lt/sqm

Application: short-haired roller or airless pump

Storage: 12 months in original drums



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**MASTICS /
BITUMINOUS
ADHESIVES AND
BITUMEN-
POLIURETHANE**

VODITEC H-20

Bituminous, water-based adhesive for cold bonding of insulating panels



KG	PACKAGING
5	plastic drums
18	plastic drums



FEATURES

VODITEC H-20 is a bituminous adhesive in water emulsion, pasty, thixotropic, suitable for cold bonding of insulating panels. **VODITEC H-20** can be considered a valid and economical alternative to hot poured bitumen. **VODITEC H-20** is produced in the summer and winter versions.



PRIMARY USES

VODITEC H-20 has been studied and formulated for the cold adhesion of any type of insulating and sound-absorbing panel. It can be applied horizontally or even vertically thanks to its high thixotropy. **VODITEC H-20** is a product that does not contain solvents; it can therefore also be used indoors.

INSTRUCTIONS FOR USE

VODITEC H-20 is ready to use and is applied with a smooth or toothed spatula, creating strips of product 10 cm wide and spaced 15 cm apart, or in spots, even better if made both on the panel and on the surface where they are to be applied, applying pressure on the panel to be glued in such a way as to spread the **VODITEC H-20**. The surfaces must be clean. Using **VODITEC H-20**, the adhesion of the panels is immediate even if the drying times of the product are quite long and depend above all on the temperature, humidity and degree of vapour permeability of the artefacts.

Consumption: from 0,500 to 0,900 kg/sqm

Application: smooth or notched spatula

Storage: 12 months in original drums

VODITEC P-40

Bituminous solvent-based adhesive for cold bonding of insulating panels

KG	PACKAGING
5	metal drums
20	metal drums



FEATURES

VODITEC P-40 is a bituminous, pasty, thixotropic adhesive with low solvent content, suitable for cold bonding of insulating panels. The choice of appropriate solvents and resins makes it possible to use it even when applied on polystyrene or polyurethane panels without causing them to dissolve. **VODITEC P-40** can be considered a valid and economical alternative to hot bitumen. **VODITEC P-40** is produced in the summer and winter versions (for application at temperatures below 5°C).



PRIMARY USES

VODITEC P-40 has been studied and formulated for the cold adhesion of any type of insulating and sound-absorbing panel. It can be applied horizontally or even vertically thanks to its high thixotropy. It finds valid uses when applied outdoors even on damp supports or even in the presence of wet surfaces.

INSTRUCTIONS FOR USE

VODITEC P-40 is ready to use and is applied with a smooth or toothed spatula, creating strips of product 10 cm wide and spaced 15 cm apart, or in spots, even better if made both on the panel and on the surface where they are to be applied, applying pressure on the panel to be glued in such a way as to spread the **VODITEC P-40**. The surfaces must be clean. Using **VODITEC P-40**, the adhesion of the panels is immediate even if the drying times of the product are quite long and depend above all on the temperature, humidity and degree of vapour permeability of the artefacts.

Consumption: from 0,500 to 0,900 kg/sqm

Application: smooth or notched spatula

Storage: 12 months in original drums

VODITEC INNESTI

Bituminous adhesive mastic, specific for grafts, water-based



KG	PACKAGING
1	plastic jar
2,5	plastic drums
5	plastic drums



FEATURES

VODITEC INNESTI is a semi-dense paste based on very high percentage distilled bitumens, inorganic thickeners and resins in aqueous emulsion.



PRIMARY USES

VODITEC INNESTI has a formulation studied in order to obtain a highly adhesive and waterproof bituminous mastic, able to guarantee a valid protection of the graft from infiltrations and an elastic and impenetrable screen from dust and parasites that would compromise the budding. The product is eco-friendly, does not contain substances harmful to humans and the environment and can be used as a healing agent after pruning branches in order to guarantee a valid protective screen against rotting of the base of the cut branch.

INSTRUCTIONS FOR USE

Applications can be made using a steel spatula or brush.
Do not apply **VODITEC INNESTI** in adverse weather conditions, in anticipation of rain or frost.

Application: smooth spatula or brush

Storage: 12 months in original drums

VODITEC PUR-30

Polyurethane-bituminous adhesive, waterproofing, ready to use, water-based

KG	PACKAGING
5	plastic drums
20	plastic drums



FEATURES

VODITEC PUR-30 is a polyurethane-bituminous paste, semi-dense, obtained by mixing high-quality bitumen, polyurethane resins and mineral fillers. The paste thus obtained is brown in color, and during drying, it will take on an intense black color, highlighting a high adhesion to the support and sufficient elasticity. **VODITEC PUR-30**, moreover, has excellent anchoring power even when applied on vertical surfaces and tolerates temperatures below 0°C.



PRIMARY USES

VODITEC PUR-30 has been studied and formulated to obtain a waterproof, practical and fast adhesion layer for the VODITES product (non-woven fabric, elastic, 60 gr/sqm) for the preparation of the support on terraces, balconies, pitched roofs, walls against the ground, both horizontal and vertical concrete surfaces, slabs, for the restoration of old bituminous membranes, etc. but it is advantageously and intelligently combined with the VODIPREN UNOBIT product (liquid polyurethane-bituminous, colored, walkable and tileable, multifunctional, water-based membrane), thus obtaining an economical system that is highly waterproof and long-lasting, taking care to overlap the sheets of T.N.T. by at least 5/7 cm.

INSTRUCTIONS FOR USE

VODITEC PUR-30 is ready for use. Clean the surfaces thoroughly and smooth out the supports.

Consumption: from 0,800 to 1 kg/sqm
Application: roller, brush or smooth spatula
Storage: 12 months in original drums

VODIREFILL PUR

Sealing adhesive, polyurethane, aromatic, colored, universal, fast setting, solvent-based

PACKAGING

boxes of 15 UNIPACK



COLORS



FEATURES

VODIREFILL PUR is a polyurethane, aromatic, one-component, colored, highly adhesive and elastic sealant with air polymerization. **VODIREFILL PUR** has good resistance to aqueous chemical agents, sea water, short-term resistance to hydrocarbons, organic acids, vegetable and animal oils.



PRIMARY USES

VODIREFILL PUR has good adhesion on a wide range of substrates and, at the same time, creates elastic seals with high adhesive power. Suitable for surfaces such as wood, metal, paint systems (one or two-component), polyurethane foam, ceramic materials, as a sealant for both horizontal and vertical concrete surfaces. It is advantageously used in the construction sector for sealing industrial floors, pre-fabricated concrete elements, etc. It can be used in the car body sector, in the construction and repair of special vehicles, buses, trains, campers and in the construction and repair of pleasure boats; for internal and external sealing of vehicles, filling joints between panels or bulkheads and gluing assembled parts, doors or exposed finishes.

INSTRUCTIONS FOR USE

VODIREFILL PUR must be applied on dry surfaces, free from dust, grease, oil and loose parts. In particular cases and for better adhesion, a preventive treatment may be necessary with the use of the product VODITOP PRIMER (film-forming, transparent, water-based primer) or VODIEPOXY PRIMER (epoxy-polyamine, two-component, emulsifiable, transparent primer). Cut the clip of the bag and insert it into the manual or compressed air gun. Cut the nozzle of the desired section before positioning it on the terminal part of the gun.

Storage: 12 months in original drums

GET RID OF ASBESTOS!

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EXTRADOX ENCAPSULATION

Encapsulating treatment of exposed asbestos-cement products for exteriors (TYPE A).

Products:

- **VODIFIX:** penetrating and inerting fixative based on synthetic resins in aqueous dispersion of pale red color. Consumption: 0,200-0,300 lt/sqm.
- **VODICOLOR EXTRA** (first layer): elastomeric liquid membrane based on acrylic resins in aqueous dispersion available in white, grey, red and green colors. Consumption: 0,400 kg/sqm about.
- **VODICOLOR EXTRA** (second layer): covering finish in a different color from the first previous layer. Consumption: 0,400 kg/sqm about.

INTRADOS ENCAPSULATION

Encapsulating treatment of exposed asbestos-cement products for interiors (TYPE B).

Products:

- **VODICOLOR EXTRA** (first layer): elastomeric liquid membrane based on acrylic resins in aqueous dispersion available in white, grey, red and green colors. Consumption: 0,400 kg/sqm about.
- **VODICOLOR EXTRA** (second layer): covering finish in a different color from the first previous layer. Consumption: 0,400 kg/sqm about.

CONFINEMENT

Non-visible encapsulating treatment of asbestos cement products to support confinement interventions (TYPE C).

Products:

- **VODICOLOR EXTRA** (first layer): elastomeric liquid membrane based on acrylic resins in aqueous dispersion available in white, grey, red and green colors. Consumption: 0,400 kg/sqm about.
- **VODICOLOR EXTRA** (second layer): covering finish in a different color from the first previous layer. Consumption: 0,400 kg/sqm about.

REMOVAL

Inerting treatment of asbestos cement products (TYPE D).

Products:

- **VODIFIX:** penetrating and inerting fixative based on synthetic resins in aqueous dispersion of pale red color for the remediation of the removal of asbestos-cement slabs. Consumption: 0,200-0,300 lt/sqm.



**LIQUID
CEMENT-BASED
MEMBRANES**

VODILASTIK

Two-component, elastic, flexible and walkable liquid cementitious membrane



LT/KG	PACKAGING
1 lt (Part A)	plastic jar
10 lt (Part A)	plastic drums
35 kg (Part A+B)	plastic drums

FEATURES

VODILASTIK is a waterproofing system made up of a latex based on synthetic polymers in aqueous dispersion (Part A) and a premixed cement (Part B). By mixing the two components in a ratio of 1:2.5, an easily workable mixture is obtained that can form an absolutely waterproof, flexible and elastic layer. The adhesion of **VODILASTIK** is excellent on any type of stone or cement support.



PRIMARY USES

VODILASTIK is advantageously used for waterproofing flat roofs, balconies, terraces, pitched roofs, flower boxes, concrete tanks, swimming pools, etc. Its particular structure allows, among other things, the subsequent laying of the flooring applied directly on it.

INSTRUCTIONS FOR USE

Clean the substrate thoroughly. Mix 10 l of **VODILASTIK** (Part A) with 1 bag of 25 kg of PREMIXED (Part B). Start by applying **VODILASTIK** in all corners in combination with a strip of VODITES (elastic T.N.T. 60 or 100 gr/sqm) or adhesive. Subsequently, proceed to spread the product over the entire surface, reinforcing it with VODITES (elastic T.N.T. 60 or 100 gr/sqm) worked with a suitable heavy bubble-breaking roller or with a plaster-holder net, overlapping the sheets by at least 5-7 cm approximately.

Consumption: from 2,500 to 3,500 kg/sqm in more steps

Application: smooth spatula

Storage: 12 months in original drums (Part A), 3 months in original drums (Part B)

VODIRESIN SCUD

Waterproofing cementitious resin, walkable and tileable, water-based



KG	PACKAGING
2,5	plastic drums
10	plastic drums



FEATURES

VODIRESIN SCUD is a walkable waterproofing system made of acrylic resins modified with SB mixed with cement, designed and formulated to create subsequent installations of external floors and coverings under ceramic tiles. **VODIRESIN SCUD** has good elasticity that guarantees excellent resistance to stresses resulting from mechanical and thermal expansion of the support.



PRIMARY USES

The **VODIRESIN SCUD** waterproof system is advantageously used for waterproofing terraces, balconies, flat roofs, tanks, flower boxes, gutters, etc. **VODIRESIN SCUD** can be applied on both horizontal and vertical surfaces, inclined, smooth or rustic.

TECHNICAL SPECIFICATIONS

Pay particular attention to the preparation of the substrate, which must be dry and clean. Mix 1,500 kg of resin with 0,500 kg of PORTLAND 325 cement, using a drill equipped with a low-speed stirrer. Prime the surface to be treated by creating an adhesion primer using 1 part of **VODIRESIN SCUD** + 4/5 parts of water. After approximately 24 hours, proceed to spread the product over the entire surface in a double pass with the interposition of a 60 gr/sqm elastic non-woven fabric (VODITES) incorporated into the first coat.

Consumption: from 1 to 2 kg/sqm in more steps

Application: roller or brush

Storage: 12 months in original drums



**VARIOUS AND
COMPLEMENTARY
PRODUCTS**

VODIMALT

Water-repellent, resistance increaser for mortars, plasters and non-reinforced concrete, water-based

KG	PACKAGING
5	plastic drums
10	plastic drums
20	plastic drums



FEATURES

VODIMALT is an amber-colored additive that, when added to the mixing water of plasters, mortars and non-reinforced concretes, increases their workability, significantly improving their mechanical resistance and impermeability to water.

PRIMARY USES

VODIMALT is used to make waterproof concrete, for tanks, as a mass waterproofing agent for plasters for north-facing walls, for plastic and waterproof mortars used for laying stone, exposed bricks, etc.

INSTRUCTIONS FOR USE

VODIMALT is mixed into the final mixing water at a rate of 2 ÷ 4% per quintal of cement.

Storage: 12 months in original drums

VODIAIR

Air-entraining plasticizer for mortars, concretes and plasters, water-based



LT	PACKAGING
5	plastic drums
10	plastic drums
18	plastic drums

FEATURES

VODIAIR is a dark colored liquid with strong surfactant properties that, dispersed in the mixing water, develops microscopic air bubbles capable of increasing the plasticity and workability of mortars, plasters and concretes. **VODIAIR** therefore allows to completely abolish lime in the mixes, where this is necessary, achieving a remarkable economy and practicality.

PRIMARY USES

VODIAIR is used as an aerating agent for plasters and mortars and as an adjuvant for pumping concrete.

INSTRUCTIONS FOR USE

VODIAIR replaces lime in mixtures where this is necessary.

Consumption: from 0,150 to 0,300 lt for every 100 kg of cement

Storage: 12 months in original drums

VODINOFROST

Liquid antifreeze for concrete and mortar

KG	PACKAGING
20	plastic drum
125	plastic barrel



FEATURES

VODINOFROST is a liquid additive free from chlorides. The product acts on the hardening time of the CLS, promoting the hydration reactions of the cement. **VODINOFROST** is normally used for the production of concrete and cement mortars in the winter period, even at temperatures up to -10°C .

INSTRUCTIONS FOR USE

Mix the product into the cement mix at a rate of 1-3% of the weight of the cement used, mixing it for the time necessary to obtain a homogeneous mix.

Consumption: from 1% to 3% on the cement weight

Storage: 12 months in original drums

VODILATEX

Liquid bonding agent for concrete and mortar

LT	PACKAGING
1	plastic jar
5	plastic drum
10	plastic drum
18	plastic drum



FEATURES

VODILATEX is an adhesive dispersion of white synthetic latex whose particles coagulate when the water evaporates, significantly improving the physical-chemical characteristics of mortars and concretes, giving them greater binding power, significantly increasing the resistance to compression, flexion, impermeability and allowing excellent resistance to thermal shock and chemical agents.

PRIMARY USES

VODILATEX is advantageously used as a liquid adhesive for cement, general construction joints, thin plasters, floor patches, gluing of artefacts, etc., significantly improving the morphological and final characteristics of mortars and plasters.

INSTRUCTIONS FOR USE

It is always advisable to thoroughly clean the surfaces to be treated beforehand, removing any loose parts and dust. It will then be advisable to wet the surfaces, avoiding water stagnation. Impregnate the surfaces with a solution made up of 1 part **VODILATEX+** 1 part cement. The cement mix is applied immediately after spreading the grout.

Consumption: consult the technical data sheet

Application: roller, brush or smooth spatula

Storage: 12 months in original drums

VODISARM-L

Concentrated release agent for wooden formwork

LT	PACKAGING
5	metal drum
10	metal drum
18	metal drum
210	metal barrel



FEATURES

VODISARM-L is a special compound made by combining refined vegetable oils with special emulsifiers. This formulation, combined with pure water, gives rise to a milky solution that, applied to any type of wooden formwork, allows for the formwork to be perfectly clean during detachment to be reused, avoiding wasting time on further cleaning.

INSTRUCTION FOR USE

Thanks to the high concentration of **VODISARM-L**, 1 litre of it can be diluted in 20 litres of pure water by shaking the latter vigorously.

Application: roller, brush or airless pump
Storage: 12 months in original drums

VODISARM-F

Concentrated release agent for iron formwork

LT	PACKAGING
18	metal drum
210	metal barrel



FEATURES

VODISARM-F is a product with a physical-chemical action based on vegetable oils and antioxidant additives that, when applied to formwork and metal molds, ensures easy and rapid disarmament of these from the hardened concrete. Its correct formulation ensures effective protection of the treated surfaces, preserving them from corrosion, guaranteeing rapid detachment and allowing for obtaining sharp edges even from complex shapes and "exposed" surfaces.

INSTRUCTIONS FOR USE

VODISARM-F can be diluted with diesel fuel in variable concentrations. It is recommended to start with dilutions of the product with 20% diesel fuel, testing its effectiveness to reach dilutions of up to 50%. Before each application, shake the previously diluted product.

Application: roller, brush or airless pump
Storage: 12 months in original drums

VODISINT

Thinner for polyurethane systems, solvent based



LT	PACKAGING
10	metal drums
18	metal drums



FEATURES

VODISINT is a mix of aromatic/aliphatic and chlorinated solvents, appropriately dosed and used for mixing solvent-based polyurethane systems.

VODISINT is used especially in the winter period because it facilitates and speeds up the cross-linking of polyurethane membranes.

INSTRUCTIONS FOR USE

VODISINT is used in doses ranging from 10% to 20% of the weight of single and two-component polyurethane membranes. The product must be used by mixing with a low-speed fan, so as not to develop air bubbles. It is always advisable, after mixing it with the polyurethane membranes, to wait a few minutes before applying.

Storage: 12 months in original drums

VODIGRIP

Bonding bridge, universal adhesion promoter, ready to use, water based



KG	PACKAGING
5	plastic drum
10	plastic drum
20	plastic drum

FEATURES

VODIGRIP is a compound based on synthetic resins in aqueous dispersion, inert materials and additives that promote rapid drying. The film absorbed by the support guarantees a sufficiently rough grip surface, capable of ensuring excellent adhesion for plasters, mortars, patches, etc., both horizontally and vertically.

PRIMARY USES

VODIGRIP is advantageously used as a primer in order to improve adhesion on various substrates: concrete, plaster, autoclaved concrete blocks, bricks, tiles, stones, wood, etc.

INSTRUCTIONS FOR USE

VODIGRIP is ready to use, after shaking. Do not use **VODIGRIP** if the substrate is humid.

Consumption: from 0,200 to 0,300 kg/sqm

Application: smooth spatula or roller

Storage: 12 months in original drums

VODI SUPERGRIP

Colorless anti-slip treatment for tiles, stoneware, terracotta, stone materials, ceramic shower trays, etc., water-based

LT	PACKAGING
0,5	plastic jar
5	plastic tank



FEATURES

VODI SUPERGRIP is a transparent water-based treatment capable of increasing the degree of slip resistance of both wet and dry surfaces where applied, thus reducing the risk of slipping. The wet flooring will thus be non-slip and therefore safer.



PRIMARY USES

VODI SUPERGRIP is advantageously used for the anti-slip treatment of ceramic or porcelain tiles, cementitious materials and natural stones, terracotta, stoneware, klinker, etc. (GREEN LABEL). The product is also formulated in the version used for the treatment of ceramic shower trays (RED LABEL). **VODI SUPERGRIP** is ideal for making floors safe in workplaces, public places, domestic environments such as bathrooms, kitchens, as well as for the treatment of internal and external floors of swimming pools and for floors of gyms, changing rooms, showers, canteens, etc.

INSTRUCTIONS FOR USE

Thoroughly clean the surface to be treated. Spread the area to be treated evenly with a rag or mop soaked in **VODI SUPERGRIP** and wait up to a maximum of approximately 30 minutes. Do not let **VODI SUPERGRIP** dry on the surface. Rinse thoroughly with water and dry. Finally, check the level of friction and repeat the procedure if not satisfactory.

Consumption: from 10 to 15 sqm/lt
Application: brush or mop
Storage: 24 months in original drums

VODIFIX

Penetrating and inert fixative for asbestos cement sheets, water based



LT	PACKAGING
18	metal drum
210	metal barrel
1000	metal cube



FEATURES

VODIFIX is a penetrating and inerting fixative based on synthetic resins in aqueous dispersion of light pink color for the remediation in the removal of asbestos cement sheets (**certified product**).

PRIMARY USES

VODIFIX is used exclusively both for the preparation of the upper or lower encapsulation of the sheets containing asbestos fibres and for their removal. For the upper encapsulation it is combined with the product VODICOLOR EXTRA (liquid, waterproofing, elastic, coloured, water-based membrane, certified for the encapsulation of asbestos cement sheets).

INSTRUCTIONS FOR USE

VODIFIX is ready to use. Mix before each use. Consult the Technical Office in advance.

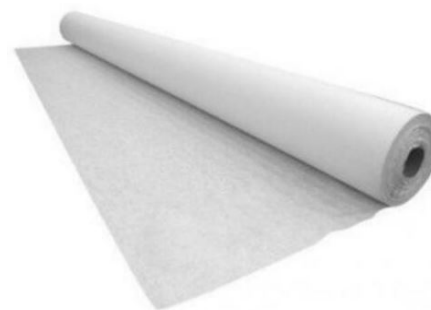
Consumption: from 0,200 to 0,300 lt/sqm

Application: roller, brush or airless pump

Storage: 12 months in original drums

VODITES

Non-woven fabric, elastic, 60 or 100 gr/sqm



PACKAGING

roll of 50 sqm

VODITES is a 60 or 100 gr/sqm elastic non-woven fabric in staple polyester, needled and calendered, excluding glues, chemical binders or post-consumer recycled material. It is advantageously used to increase the mechanical resistance and walkability of waterproofing, incorporating it between one step and another of the VODIPREN, VODICOLOR, POLYMERCOLOR and POLYMEX systems.

CATAPUR BASE

Hardener for water-based polyurethane systems

LT	PACKAGING
1	plastic jar
5	plastic drum



CATAPUR BASE is an additive that, used from 5% to 25% with our water-based polyurethane systems, gives the dried film a notable increase in mechanical and abrasion resistance. The mixed product has a cross-linking time of about 60 minutes based on the room temperature.

Storage: 6 months in original drums



PROFESSIONAL PRODUCTS

VODIPREN 2PUR BLACK

Liquid, waterproofing, polyurethane-bituminous, two-component, solvent-based membrane, applicable in thickness even on damp surfaces

KG	PACKAGING
10 (A+B)	plastic + metal drum
25 (A+B)	plastic + metal drum



Certifications relating to the standard UNI 11928



FEATURES

VODIPREN 2PUR BLACK is a liquid membrane based on polyurethane resin with a low bitumen content in solvent. The product (A+B), vulcanizing rapidly, produces a very tenacious elastic film, exceptionally adhesive and elastic with notable chemical and physical properties and good resistance to UV rays. The presence of adhesion promoters also allows application on damp surfaces (consult the Technical Office). The particular formulation of **VODIPREN 2PUR BLACK** allows the creation of a waterproof membrane that can also be applied in a double pass at the same time, wet-on-wet.

VODIPREN 2PUR BLACK is also available in the fiber-reinforced version (VODIPREN 2PUR BLACK-F).

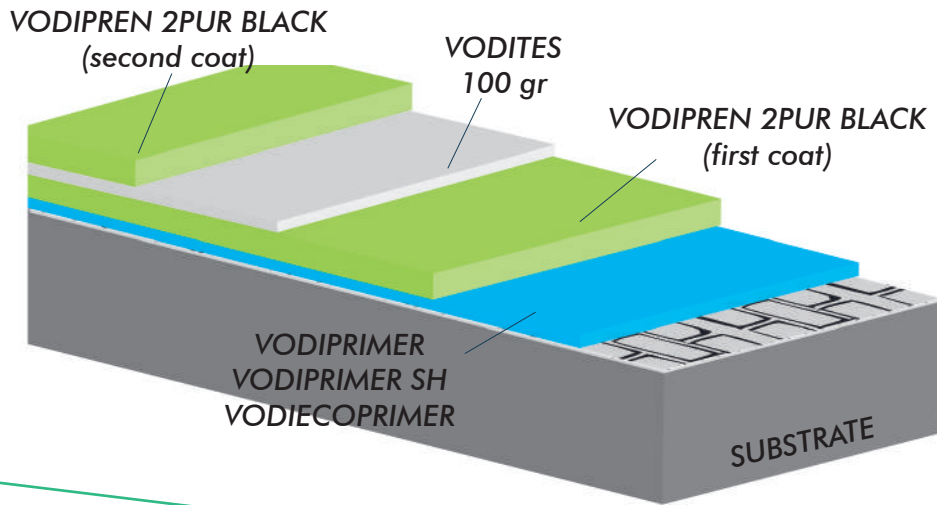
PRIMARY USES

VODIPREN 2PUR BLACK can be used for waterproofing terraces, balconies, hanging gardens, roofs, flat concrete structures with variable geometries, viaducts and road decks, for waterproofing under tiles, for re-waterproofing old bituminous and cement sheaths and metal roofs, for bonding insulating panels (except polystyrene and polystyrene), etc.

VODIPREN 2PUR BLACK is also suitable for creating a vapour barrier (UNI EN ISO 7783).

TECHNICAL SPECIFICATIONS

Chemical basis:	
part A	reactive thixotropic bituminous paste
part B	aliphatic polyurethane resin
Specific gravity (A+B):	1,2 ± 2% gr/l (UNI EN ISO 2811-1)
Solid content:	80% ± 1%
Drying time:	about 1 hour
Hardening:	2,0 mm in 24 hours about
Overpaintable:	after 20 days
Elongation at break:	283% armed sample (UNI EN 12311-1)
Cold flexibility:	- 33°C (UNI EN 1109)
Color:	black
Application temperature:	from 0 °C to + 35 °C
Operating temperature:	from - 33 °C to + 90 °C
Steam transmission grade:	μ 1,19 * 10 ⁵ (UNI EN ISO 7783)
Dilution:	up to 20% with VODISINT
Consumption:	from 1,500 to 5 Kg/sqm in one or more steps
Storage:	12 months in original drums



1) BITUMINOUS PRIMER

Thorough cleaning of the laying surface from dust and debris and subsequent vacuuming of the powdery parts. On particularly dusty surfaces, we recommend applying the product VODIECOPRIMER (bituminous primer, water-based), VODIPRIMER SH (bituminous primer, solvent-based and emulsion) or VODIPRIMER (bituminous primer, solvent-based) with a consumption of approximately 0,150-0,300 kg/sqm, using a roller, brush or airless pump. Wait for the product to dry completely.



2/3) FIRST COAT + T.N.T.

Apply a first coat of **VODIPREN 2PUR BLACK**, diluted as needed (10-20%) with the VODISINT product, using a roller, smooth spatula, airless or peristaltic pump, with immediate overlapping of an elastic reinforcement sheet (VODITES 100 gr/sqm), worked with a suitable heavy bubble-breaking roller. It is recommended to use the sheet on the entire surface to be waterproofed, ensuring that the sheets overlap by at least 5-7 cm.



4) SECOND COAT

Once cross-linking has taken place, proceed with a second coat of **VODIPREN 2PUR BLACK**, diluted as needed (10-20%) with the VODISINT product, using a roller, smooth spatula, airless or peristaltic pump. If fresh-on-fresh work is planned, the second coat of the **VODIPREN 2PUR BLACK** product will be applied immediately after laying the reinforcement sheet.



5) FINISHING

The waterproofing left exposed will be protected with a suitable UV-shielding paint approximately 30 days after applying the last coat of the product such as our VODIRALL ECO or VODIMETAL or by using liquid waterproofing membranes such as our VODICOLOR ECOPUR or POLYMERCOLOR H.A.P., using a roller, brush or airless pump.

POLYMERCOLOR H.A.P.

(Hybrid Acrylic Polyurethane)

Hybrid, acrylic-polyurethane, aliphatic, one-component, coloured, walkable and tileable liquid membrane, water-based



KG	PACKAGING
5	plastic drum
20	plastic drum



Certifications
relating to the
standard UNI
11928



FEATURES

POLYMERCOLOR H.A.P. is a waterproofing, single-component, based on silanized aliphatic polyurethane and acrylic resins, specially formulated to obtain an elastic coating, walkable or tileable, resistant to UV rays and stable at high and low temperatures. In the WHITE version, the product has high reflectance characteristics certified SRI 106 which allows a significant decrease in temperature below the rooms where it is applied.

POLYMERCOLOR H.A.P. complies with the UNI EN 1504-2 regulation.

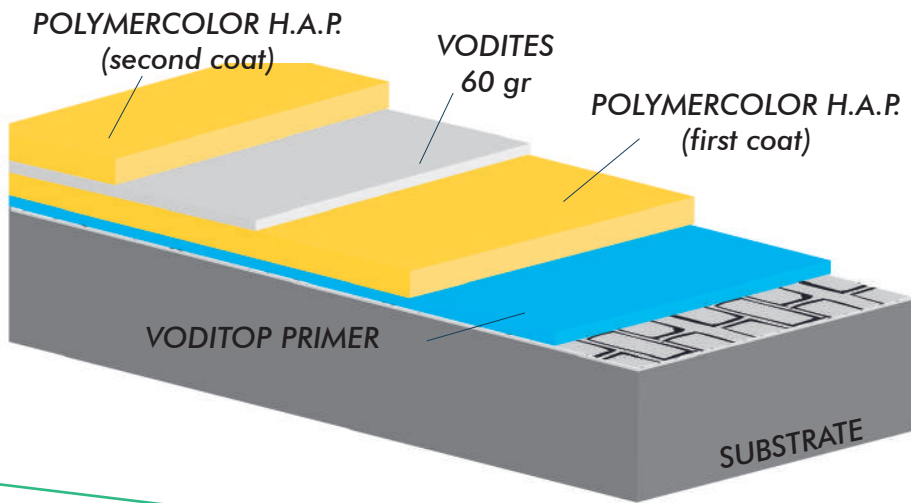
The product is also available in the fiber-reinforced version (POLYMERCOLOR H.A.P.-F) and in the fire-proof version (Broof t2 classification).

PRIMARY USES

POLYMERCOLOR H.A.P is ready to use and is advantageously used as a waterproof coating without joints for covering roofs, terraces and balconies, concrete surfaces, old preformed bituminous membranes, cementitious membranes, paved terraces, metal surfaces. The product is used for the waterproofing protection of roofs made with polyurethane foamed in situ, etc.

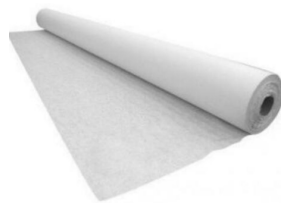
TECHNICAL SPECIFICATIONS

Chemical basis:	mix of aliphatic polyurethane resins and silanized acrylics
Specific gravity:	1,300 ± 2% Kg/Lt.
Flammable point:	not flammable
Solid content:	> 60% ± 2%
Elongation at break at 20°C:	600% (not armed film) - 250% (armed film)
Operating temperature:	-15 °C + 90 °C
Tensile strength:	26,11 N (UNI EN ISO 527)
Vapor permeability:	3,09*10 μ (UNI EN ISO 7783)
Time out of the dust:	3-5 h (23°C humidity 50%)
Complete hardening:	about 48h (23°C humidity 50%)
Walkability:	excellent
Ceramic bonding:	yes
Resistance to water under pressure:	no penetration (UNI EN 1928)
Resistance to UV rays:	excellent (UNI EN ISO 4892-3 cycle 3)
Consumption:	from 1 to 3 Kg/sqm in more steps
Storage:	12 months in original drums



1) PRIMER

Thorough cleaning of the laying surface (dry and free of humidity) from dust and debris and subsequent vacuuming of the powdery parts. Prime the surface using the product VODITOP PRIMER (film-forming primer, transparent, water-based), using a roller, brush or airless pump, with a consumption of Kg/sqm 0,250-0,300. Wait for the product to dry completely.



2/3) FIRST COAT + T.N.T.

Apply a first coat of the **POLYMERCOLOR H.A.P.** product, using a roller, brush or airless pump, with immediate overlapping of an elastic reinforcement sheet (VODITES 60 gr/sqm), worked with a suitable heavy bubble-breaking roller. It is recommended to use the sheet on the entire surface to be waterproofed, taking care to overlap the sheets by at least 5-7 cm approximately. Wait for the product to dry completely (24-48h at approximately 20°C).



4) SECOND COAT

Once cross-linking has taken place (24/48h at approximately 20°C), proceed with a second coat of the **POLYMERCOLOR H.A.P.** product, using a roller, brush or airless pump, to completely cover the reinforcement sheet. The total consumption between the first and second coat of the product varies from 1 to 3 kg/sqm.

POLYMEX 1K-C

Liquid, waterproofing, aromatic, single-component, polyurethane, moisture-curing, aromatic, colored, solvent-based membrane



KG	PACKAGING
6	metal drum
20	metal drum

COLORS 



FEATURES

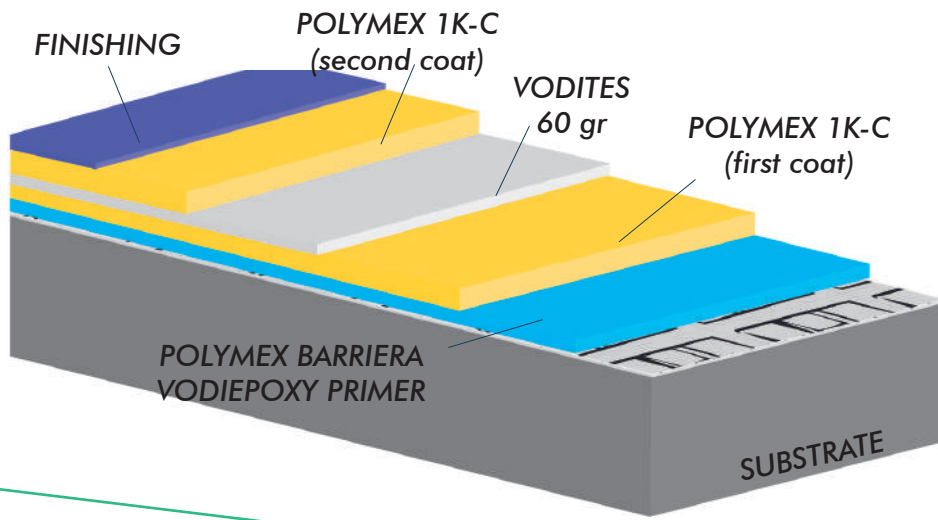
POLYMEX 1K-C is a liquid, aromatic, elastic, single-component, polyurethane, aromatic, moisture-curing waterproofing membrane for waterproofing and re-waterproofing surfaces of all shapes and sizes. **POLYMEX 1K-C** features simple and practical application, low costs and long life cycles, good elasticity, excellent adhesion, resistance to stagnant liquids and roots, a uniform appearance. It complies with ETAG-005-6W2 requirements.

PRIMARY USES

POLYMEX 1K-C is widely used for waterproofing terraces and balconies without demolishing the substrate, hanging gardens, roofs and concrete structures with light pedestrian traffic, the protection of polyurethane foam panels, re-waterproofing of old bituminous membranes, etc. For applications with specific requirements, please contact our Technical Office.

TECHNICAL SPECIFICATIONS

Chemical basis:	poliurethane
Specific gravity:	1,250 ± 3% g/ml (EN ISO 2811-1)
Solid content:	> 85% ± 2%
Hardening:	1/mm in 24h about
Vapour permeability:	$\mu \geq 1000$ (EN 1931) 25 g/sqm
Elongation at break:	5 N/mm ² (DIN 53504)
Elasticity:	800% (DIN 53504)
Shore A hardness:	65
Application temperature:	from + 5°C at + 35°C
Operating temperature:	- 35°C at + 80°C
Fire resistance:	Broof = t1 (external fire spread)
Consumption:	from 1,500 to 3 Kg/sqm in more steps
Storage:	9 months in original drums



Prime the surface using the product VODIEPOXY PRIMER (epoxy-polyamine primer, two-component, emulsifiable, transparent), using a roller, brush or airless pump, with a consumption of 0,250-0,350 kg/sqm, diluted 1:1 with clean water. If using POLYMEX BARRIERA, the consumption will be 0,600-1,200 kg/sqm. On metal or plastic surfaces, sand the support in order to remove traces of rust and make the surface rougher. Wait for the product to dry completely.



1) PRIMER

Apply a first coat of the **POLYMEX 1K-C** product, using a roller, brush or airless pump (if sprayed diluted up to 10% with the VODISINT product) with a consumption of approximately 1 kg/sqm, with immediate overlapping of an elastic reinforcement sheet (VODITES 60 gr/sqm), if required, worked with a suitable heavy bubble-breaking roller. It is recommended to use the sheet on large surfaces, taking care to overlap the sheets by at least approximately 5-7 cm.



2/3) FIRST COAT + T.N.T.

Once dry (24/48 hours at approximately 20°C), proceed with a second coat of **POLYMEX 1K-C** using a roller, brush or airless pump (if sprayed diluted maximum 10% with the VODISINT product), with the same consumption as the first coat (approximately 1 kg/sqm) to completely cover the armour sheet.



4) SECOND COAT

Once cross-linking is complete (24/48 hours at approximately 20°C), it will be advisable to apply a coat of the product VODIRESIN ECOFINISH (aliphatic, film-forming, walkable, plastic, protective product for aromatic polyurethane systems, water-based) or POLYMEX 2K-T FINISH (transparent coating, polyurethane-polyurea, aliphatic, two-component, solvent-based) using a roller, brush or airless pump, at a rate of approximately 0,250-0,300 lt/sqm.



5) FINISHING

POLYMEX 1K-B

Liquid, polyurethane-bituminous, one-component, thixotropic, waterproofing, elastic, solvent-based membrane



KG	PACKAGING
5	metal drum
18	metal drum



FEATURES

POLYMEX 1K-B is a liquid, thixotropic membrane based on polyurethane resins and distilled bitumen in solvent. The product, vulcanizing rapidly, produces a very tenacious, exceptionally adhesive and elastic film with notable chemical properties. The product can also be applied in a single layer. The vacuum-packed package, once opened, can be resealed taking care to let the air out of the polyethylene-aluminium bag; in this case, the product's storability will still be limited.

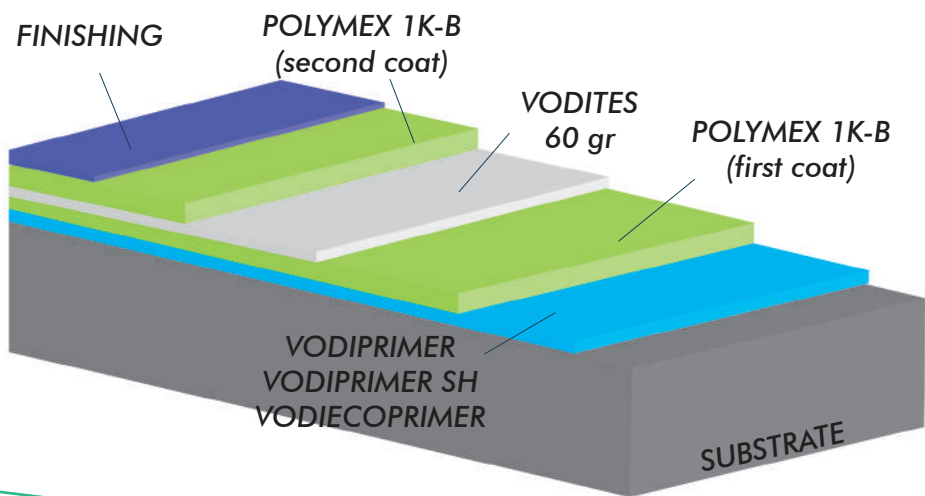
POLYMEX 1K-B is also available in the fibre-reinforced version (**POLYMEX 1K-B-F**).

PRIMARY USES

POLYMEX 1K-B is ideal for waterproofing terraces and balconies, roofs, flat concrete structures with variable geometries, retaining walls, hanging gardens and flower boxes, for waterproofing under tiles, under floors of wet areas (bathrooms and kitchens), bridges and viaducts (consult the Technical Office beforehand), for re-waterproofing old bituminous membranes, metal roofs or those made with synthetic sheets, etc. If UV screening is required, consult the Technical Office.

TECHNICAL SPECIFICATIONS

Chemical basis:	bituminous solution + polyurethane resins
Colour:	black
Specific weight:	1,10 ± 2% gr/l (EN ISO 2811-1)
Solid content:	70% ± 2%
Drying time:	about 2 hours
Hardening:	1,0 mm in 24 h about
Overpaintable:	after 15 days
Elongation at break:	4,5 N/ mm ²
Elasticity:	650%
Shore A hardness:	35/40
Application temperature:	from 0 °C to + 40 °C
Operating temperature:	from - 40 °C to + 100 °C
Cold flexibility:	- 25 °C
Consumption:	from 1,500 to 3 Kg/sqm in more steps
Storage:	6 months in original drums



1) BITUMINOUS PRIMER

Thorough cleaning of the installation surface (dry and free of humidity) from dust and debris and subsequent vacuuming of the powdery parts.

On particularly dusty surfaces, we recommend applying the product VODIECOPRIMER (bituminous primer, water-based), VODIPRIMER SH (bituminous primer, solvent and emulsion base) or VODIPRIMER (bituminous primer, solvent base), with a consumption of approximately 0.150-0.300 Kg/sqm, using a roller, brush or airless pump. Wait for the product to dry completely.



2/3) FIRST COAT + T.N.T.

Apply a first coat of **POLYMEX 1K-B**, diluted as needed up to 10% with the VODISINT product, using a roller, smooth spatula, airless or peristaltic pump, with immediate overlapping of a reinforcement sheet (VODITES 60 gr/sqm), if required, worked with a suitable heavy bubble-breaking roller. It is recommended to use the sheet over the entire surface to be waterproofed, ensuring that the sheets overlap by at least 5-7 cm approximately.



4) SECOND COAT

Once dry (24-48 hours at approximately 20°C), proceed with a second coat of **POLYMEX 1K-B**, diluted as necessary up to 10% with the VODISINT product, using a roller, smooth spatula, airless or peristaltic pump. The total consumption between the first and second coat of the product varies from approximately 1,500 to 3 kg/sqm.



5) FINISHING

The exposed waterproofing will be protected with a suitable UV-shielding paint approximately 15-30 days after applying the last coat of the product such as our VODIRALL ECO or VODIMETAL or by using liquid waterproofing membranes such as our VODICOLOR ECOPUR or POLYMERCOLOR H.A.P., using a roller, brush or airless pump.

POLYMEX 2K-F (COLD POLYUREA)

Waterproofing coating, aliphatic, two-component, polyurea, flexible, driveable, self-levelling, coloured, for cold applications, solvent-based



KG	PACKAGING
10 (A+B)	metal + plastic drum
20 (A+B)	metal + plastic drum



COLORS

FEATURES

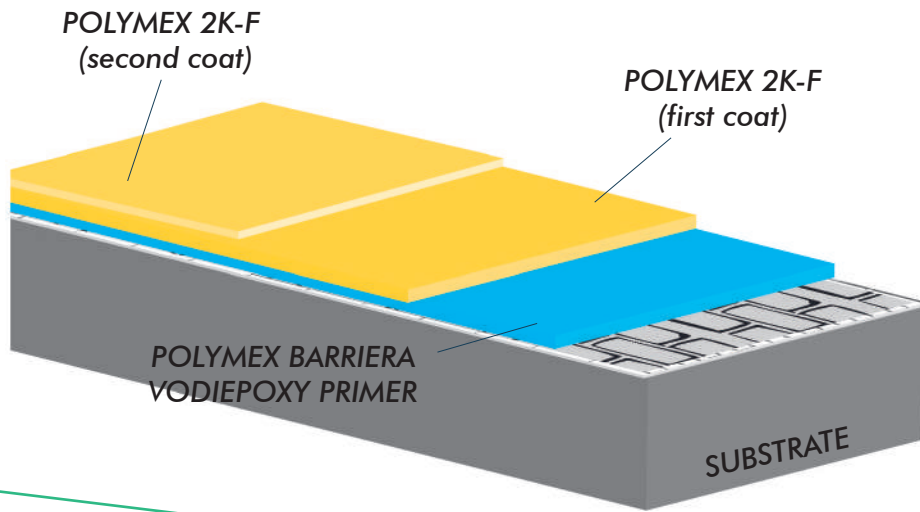
POLYMEX 2K-F is a two-component, polyurea, aliphatic, colored, fast-curing, UV-resistant, acid-resistant, color-stable, waterproofing coating. When cured, it forms a smooth, glossy top layer with high chemical and abrasion resistance. **POLYMEX 2K-F** is easy to apply and has high resistance to hydrolysis and aggressive chemicals.

PRIMARY USES

POLYMEX 2K-F is used for the creation of waterproofing membranes for roofs, balconies, terraces, parking lots (in particular for areas to be waterproofed subject to vehicular traffic), as well as for the internal coating of concrete products intended to contain aggressive and abrasive substances. It can be applied on concrete surfaces, pre-existing floors, terracotta, etc., after using the product VODIEPOXY PRIMER (epoxy-polyamine primer, two-component, emulsifiable, transparent).

TECHNICAL SPECIFICATIONS

Specific weight (A+B):	1,250 gr/cm ³
Pot life at 25°C:	25 minutes at 25 °C
Mix ratio (A+B):	1:1
Elongation at break:	80%
Cold flexibility:	- 25 °C
Driveability:	excellent after 48h application
Walkability/Hardening:	
walkable with caution	3-5 hours
complete hardening	7 days
VOC content:	30 g/l
Consumption:	from 1 to 3 Kg/sqm in more steps
Storage:	6 months in original drums



1) PRIMER

Thorough cleaning of the laying surface (dry and free of humidity) from dust and debris and subsequent vacuuming of the powdery parts.

Priming of the surface using the product VODIEPOXY PRIMER (epoxy-polyamine primer, two-component, emulsifiable, transparent), diluted 1:1 with clean water, using a roller, brush or airless pump with a consumption of approximately 0,300-0,400 kg/sqm, with quartz sand spread on the still fresh product. If POLYMEX BARRIERA is used on damp surfaces, the consumption will be 0,600-1,200 kg/sqm, with quartz sand spread on the still fresh product. Wait for the product to dry completely.



2) FIRST COAT

Application of a first coat of the **POLYMEX 2K-F** product, diluted 10-20% with the VODISINT product (thinner for solvent-based polyurethane systems) with a consumption of approximately 0,700-1 Kg/sqm, using a smooth or toothed spatula or rubber squeegee and appropriately worked with a heavy bubble-breaking roller.

Wait for the product to dry completely.



3) SECOND COAT

Once cross-linking has taken place (24-48 hours at approximately 20°C), proceed with a second coat of the **POLYMEX 2K-F** product, diluted 10-20% with the VODISINT product, with a consumption of approximately 0,700-1 kg/sqm, using a smooth spatula or rubber squeegee and appropriately worked with a heavy bubble-breaking roller.

If you want to make the treated surface non-slip, it is advisable to use quartz sand spread on the still fresh product or mixed in the same product.

POLYMEX 2K-C

Liquid waterproofing, polyurethane-polyurea, two-component, flexible, elastic, coloured, suitable for cold applications, solvent-based membrane



KG	PACKAGING
10 (A+B)	metal drum
20 (A+B)	metal drum

COLORS

Certifications
relating to the
standard UNI
11928



FEATURES

POLYMEX 2K-C is a two-component product, polyurethane-polyurea, flexible and elastic, colored, medium-slow polymerization, resistant to UV rays and color stable. When the product is hardened, it forms a shiny and smooth top layer with high chemical and abrasion resistance as well as elastic and exceptionally adhesive. The product is easy to apply and boasts high resistance to hydrolysis and aggressive chemicals.

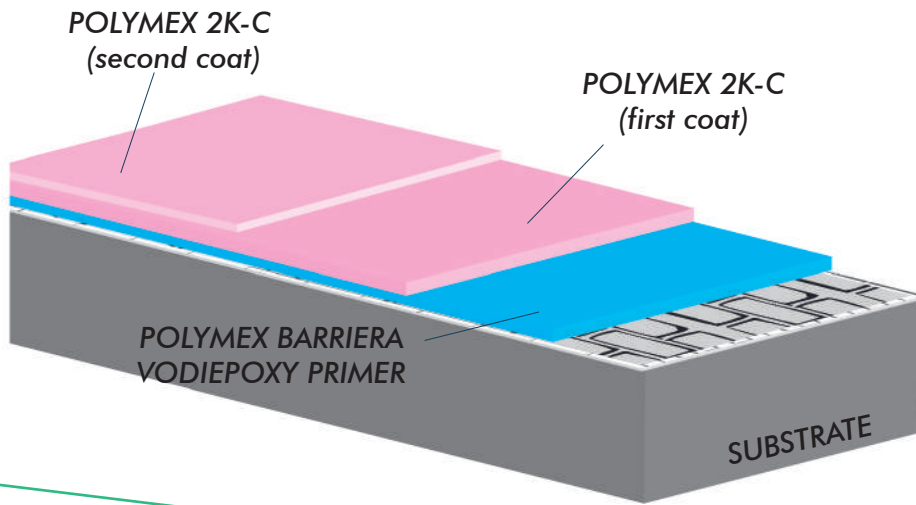
PRIMARY USES

POLYMEX 2K-C is suitable for the creation of waterproofing membranes for roofs, balconies, terraces, industrial warehouses, as well as for the internal coating of concrete products intended to contain aggressive and abrasive substances. It can be applied on concrete surfaces, pre-existing flooring, terracotta, on old bituminous membranes, etc., after using the product VODIEPOXY PRIMER (epoxy-polyamine primer, two-component, emulsifiable, transparent).

Only for re-waterproofing on old bituminous membranes, it is essential to use VODITES 60gr/sqm (T.N.T.), incorporated into the first coat of the product **POLYMEX 2K-C**. The second coat of the same product will then follow.

TECHNICAL SPECIFICATIONS

Specific weight:	1,115 gr/cm ± 2%
Pot life at 20°C (A+B):	from 30 at 120 minutes
Mix ratio (A+B):	1:1
VOC content:	30 g/l
Elongation at break:	150% (UNI EN ISO 527)
Flexibility at cold:	-25 °C (UNI EN 1109)
Dry residue:	80% ± 2%
Resistance to UV rays:	excellent (UNI EN ISO 4892-3 cycle 3)
Dilution:	max 5% with VODISINT
Walkability/Hardening:	
walkable with caution	24 hours
complete hardening	10 days
Consumption:	1,500-3 Kg/sqm in one or more steps
Storage:	12 months in original drums



1) PRIMER

Thorough cleaning of the laying surface from dust and debris and subsequent vacuuming of the powdery parts. Prime the surface using the product **VODIEPOXY PRIMER** (epoxy-polyamine primer, two-component, emulsifiable, transparent), diluted 1:1 with clean water using a roller, brush or airless pump, with a consumption of approximately 0,300-0,400 kg/sqm with quartz sand spread on the still fresh product. If **POLYMEX BARRIERA** is used, the consumption will be 0,600-1,200 kg/sqm with quartz sand spread on the still fresh product. Wait for the product to dry completely.



2) FIRST COAT

Application of a first coat of the **POLYMEX 2K-C** product, diluted 10-20% with the **VODISINT** product (thinner for solvent-based polyurethane systems) with a consumption of approximately 0,700-1 Kg/sqm, using a smooth or toothed spatula or rubber squeegee and appropriately worked with a heavy bubble-breaking roller. Wait for the product to dry completely.



3) SECOND COAT

Once cross-linking has taken place (24-48 hours at approximately 20°C), proceed with a second coat of the **POLYMEX 2K-C** product, diluted 10-20% with the **VODISINT** product with a consumption of approximately 0,700-1 kg/sqm, using a smooth spatula or rubber squeegee and appropriately worked with a heavy bubble-breaking roller. If you want to make the treated surface non-slip, it is advisable to use quartz sand spread on the still fresh product or mixed in the same product.

POLYMEX 2K-CR

Waterproofing, liquid, two-component, polyurethane, aliphatic, colored, walkable and tileable, water-based membrane

KG	PACKAGING
20 (A+B)	plastic drum



Certifications relating to the standard UNI 11928



FEATURES

POLYMEX 2K-CR is a two-component waterproofing product, based on aliphatic polyurethane resins, formulated to obtain an elastic, walkable and tileable coating, resistant to UV rays and stable at high and low temperatures.

POLYMEX 2K-CR is also available in the fibre-reinforced version (POLYMEX 2K-CR-F).

PRIMARY USES

POLYMEX 2K-CR is advantageously used as a jointless waterproof coating for the waterproofing of roofs, terraces and balconies, concrete surfaces, old preformed bituminous membranes, paved terraces, metal surfaces, roofs made of expanded polyurethane, anti-trauma flooring, etc.

INSTRUCTIONS FOR USE

Thoroughly clean the surfaces to be treated. Prime the surface with the product VODITOP PRIMER (film-forming primer, transparent, water-based) diluted 1:1 with clean water. Slowly mix part B with part A. Ready to use, apply **POLYMEX 2K-CR** in two steps. It is always recommended to reinforce the product using a 60 gr/sqm elastic non-woven fabric (VODITES), incorporated into the first coat.

Consumption: from 1,500 to 3 kg/sqm in one or more steps

Application: roller, brush, smooth spatula or airless pump

Storage: 12 months in original drums

POLYMEX 2K-T FINISH

Clear coating, polyurethane-polyurea, aliphatic, two-component, solvent-based



KG	PACKAGING
5	metal + plastic drum
20	metal + plastic drum



FEATURES

POLYMEX 2K-T FINISH is a two-component, transparent waterproof coating based on aliphatic polyurethane-polyurea resins. The resulting film is perfectly walkable, does not yellow over time, has excellent waterproofing characteristics and resistance to mechanical and thermal stress with good chemical resistance.

PRIMARY USES

POLYMEX 2K-T FINISH is advantageously used for the coating and waterproof protection of terraces and balconies where a liquid polyurethane membrane has previously been applied.

INSTRUCTIONS FOR USE

Mix the product gently, taking care not to develop air bubbles inside it. Apply **POLYMEX 2K-T FINISH** using a roller, brush or spray in a single pass.

Consumption: from 0,150 to 0,200 kg/sqm in one only step

Application: roller, brush or airless pump

Storage: 12 months in original drums

POLYMEX 2K-T

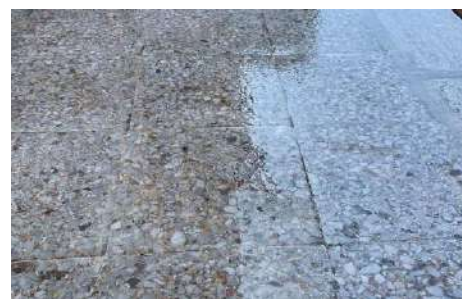
Transparent, liquid, polyurethane-polyurea, aliphatic, two-component, solvent-based membrane

KG	PACKAGING
5	metal + plastic drum
20	metal + plastic drum



FEATURES

POLYMEX 2K-T is a two-component, transparent waterproofing membrane based on aliphatic polyurethane-polyurea resin. The resulting film is perfectly walkable, does not yellow over time, has excellent waterproofing characteristics and resistance to mechanical and thermal stress with good chemical resistance.



PRIMARY USES

POLYMEX 2K-T is advantageously used for waterproofing terrace and balcony floors where a non-demolitive intervention is required, thus safeguarding the natural beauty of the floor where applied. **POLYMEX 2K-T** can be used on cement grit floors, single-fired tiles, porcelain stoneware, natural stone, terracotta, wood and metal.



INSTRUCTIONS FOR USE

The substrates must be clean, compact and dry. Prime the substrate with the product POLYMEX PUR PRIMER (one-component, transparent, polyurethane, aliphatic, solvent-based primer). This product, after drying, will remain slightly sticky. Mix the product delicately, taking care not to develop air bubbles inside it. Apply **POLYMEX 2K-T** using a roller, brush or spray.

Consumption: from 0,700 to 1 kg/sqm in more steps

Application: short-haired roller, brush or airless pump

Storage: 12 months in original drums

POLYMEX 1K-MAC

Liquid, one-component, polyurethane-aliphatic, UV-resistant, waterproofing, elastic, coloured, semi-walkable, solvent-based membrane



KG	PACKAGING
10	metal drum
20	metal drum

COLORS



FEATURES

POLYMEX 1K-MAC is a polyurethane-aliphatic membrane, single-component, colored, U.V. resistant, moisture-curing, walkable under medium traffic. Its elasticity and adhesive capacity are remarkable.

PRIMARY USES

POLYMEX 1K-MAC is mainly used as a finishing layer for roofs made with aromatic polyurea or polyurethane foams made in situ. The film produced has highly adhesive properties and allows for long-lasting colored protection. Used in thickness even in single layers with or without reinforcement, the product has a long-lasting elastic, adhesive and waterproof film.

INSTRUCTIONS FOR USE

It is always advisable to prime the substrate with the product POLYMEX PUR PRIMER (one-component, transparent, polyurethane, aliphatic, solvent-based primer) or VODIEPOXY PRIMER (epoxy-polyamine, two-component, emulsifiable, transparent primer).

POLYMEX 1K-MAC is ready to use, for manual applications with a roller or brush.

If you want to proceed with a spray application, it will be necessary to dilute the product with VODISINT (diluent for solvent-based polyurethane systems), up to a maximum of 5% of the weight of the product, homogenizing it with a low-speed mixer. The application can take place at an ambient temperature between 5°C and 40°C over a period of approximately 2 hours.

Consumption: from 0,350 to 0,400 kg/sqm every coat

Application: roller, brush or airless pump

Storage: 12 months in original drums

POLYCRYL

Instant, liquid, colored, solvent-based waterproofing



KG	PACKAGING
10	metal drum
20	metal drum



FEATURES

POLYCRYL is a colored, waterproof coating, based on acrylic and alkyd solvent resins, suitable for waterproofing and restoring all types of cement, bituminous, resinous, etc. coverings. **POLYCRYL** allows for immediate repair of the substrate even in adverse weather conditions, allows for immediate waterproofing of the surface without careful preparation of the substrate. This product can also be used for emergency interventions without having to wait for the rain to stop. **POLYCRYL** is also available in the fiber-reinforced version (**POLYCRYL-F**).

PRIMARY USES

POLYCRYL is designed for the general sealing, maintenance, repair and waterproofing of all types of common substrates in wet or dry conditions for use on concrete, fibre cement, masonry asphalt, existing bituminous coatings, corrugated sheeting, corrugated iron, brickwork, tiles, roof tiles, copper, zinc, etc. **POLYCRYL** can be applied in wet, frosty and foggy conditions, fills small cracks and does not require any priming stage.



INSTRUCTIONS FOR USE

POLYCRYL-F can be easily applied by brush and thanks to its fibers it will fill small cracks. **POLYCRYL** without fibers is normally used as a walkable consolidant to protect and color roofs made with hot-sprayed aromatic polyurea resins. All roof surfaces must be solid, stable, clean, free of debris, dirt, dust, etc. Shake the product well before use.

Consumption: from 1 to 2 kg/sqm in more steps

Application: roller, brush or airless pump

Storage: 12 months in original drums

POLYMEX BARRIERA

Three-component, emulsifiable, epoxy-cement barrier against rising damp for industrial and civil flooring and swimming pools

KG	PACKAGING
35 (A+B+C)	plastic drums + metal drum



FEATURES

POLYMEX BARRIERA is a three-component coating based on emulsifiable epoxy resin and hardener (A+B) + a bag of sand and cement in appropriate dosage (C).

PRIMARY USES

POLYMEX BARRIERA is used as an adhesion primer on industrial and civil floors in concrete, damp or without a vapour barrier where it is necessary to intervene quickly with pedestrian or drivable coverings. **POLYMEX BARRIERA** adheres rapidly to damp substrates, creating a barrier to counter-thrust humidity on surfaces in concrete, sandstone, bricks, etc.

POLYMEX BARRIERA is advantageously used on damp surfaces, before the application of protective coatings based on epoxy or polyurethane resins, as well as a coating of channels, sewer collectors in concrete and swimming pools.

INSTRUCTIONS FOR USE

The surfaces to be treated must be clean, perfectly compact, even if damp. Mix the product for a few minutes by combining part A (epoxy resin 5 kg) with part B (hardener 5 kg) adding the bag of sand and cement. Then add water until a homogeneous mixture is obtained. Do not apply the product on supports with water on the surface or on gypsum or anhydrite based substrates.

Consumption: from 1 to 3 kg/sqm in more steps

Application: smooth spatula or roller

Storage: 12 months in original drums (part A and B), 3 months in original drums (part C)

POLYMEX PUR BINDER

One-component, polyurethane, transparent resin for draining rubber chip floors, solvent-based

KG	PACKAGING
20	metal drum



FEATURES

POLYMEX PUR BINDER is a one-component polyurethane resin, ready to use, characterized by excellent binding power and good resistance to hydrolysis and acids.

POLYMEX PUR BINDER is a highly wetting binder for natural (black) or colored rubber granules.



PRIMARY USES

POLYMEX PUR BINDER is advantageously used for the creation of draining pavements for squares, public parks and children's playgrounds.



INSTRUCTIONS FOR USE

Thoroughly clean the substrate, which must be dry and free of loose material. Prime the surface to be treated with the product VODIEPOXY PRIMER (epoxy-polyamine primer, two-component, transparent, emulsifiable) diluted with clean water. Mix the **POLYMEX PUR BINDER** with rubber shavings in a ratio of 1 kg (shavings): 0,45 or 0,50 kg (resin). Apply the product using a spatula or straight edge and then compact mechanically or manually.

Consumption: 0,050 kg + 1 kg of rubber shavings

Application: spatula or straight edge

Storage: 6 months in original drum

SWABIAN CASTLE TRANI (BT) VODIPREN 2PUR BLACK

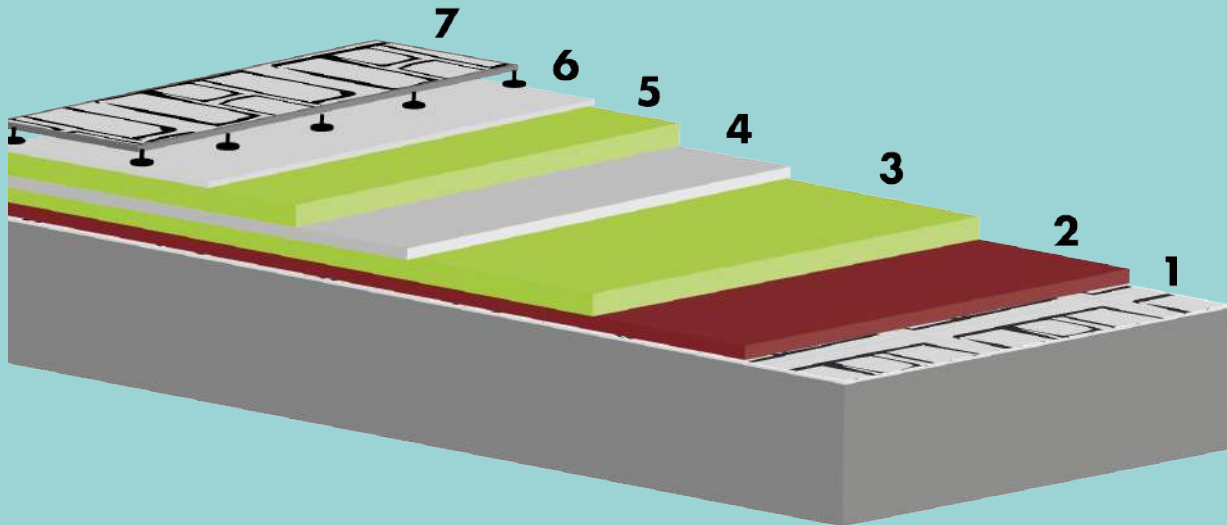


Soprintendenza
dei beni e delle
attività culturali
e del turismo



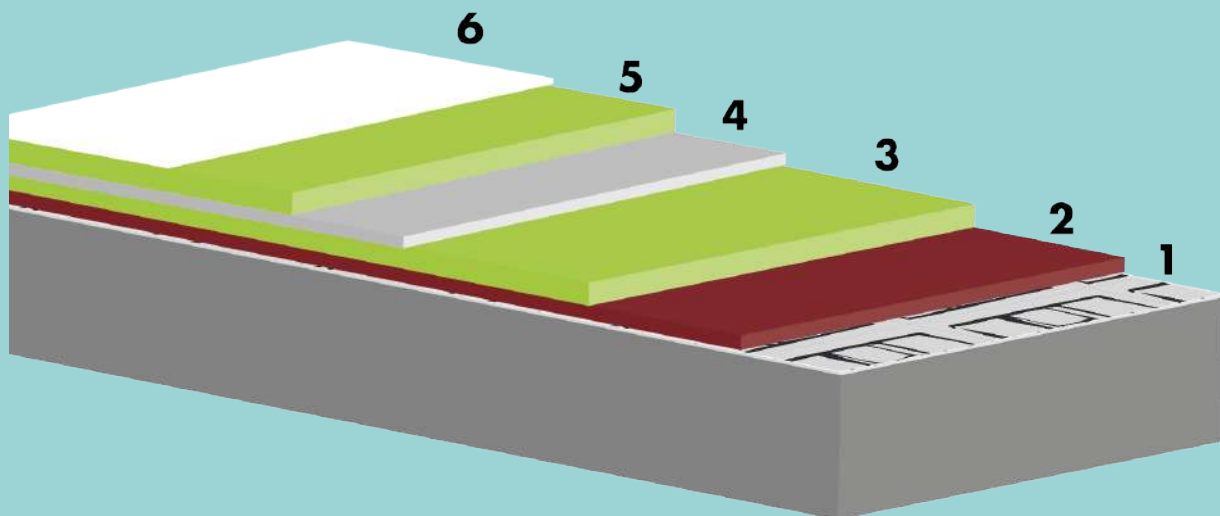
ENERGY EFFICIENCY SYSTEMS

HEAVY DUTY WARM ROOF SYSTEM



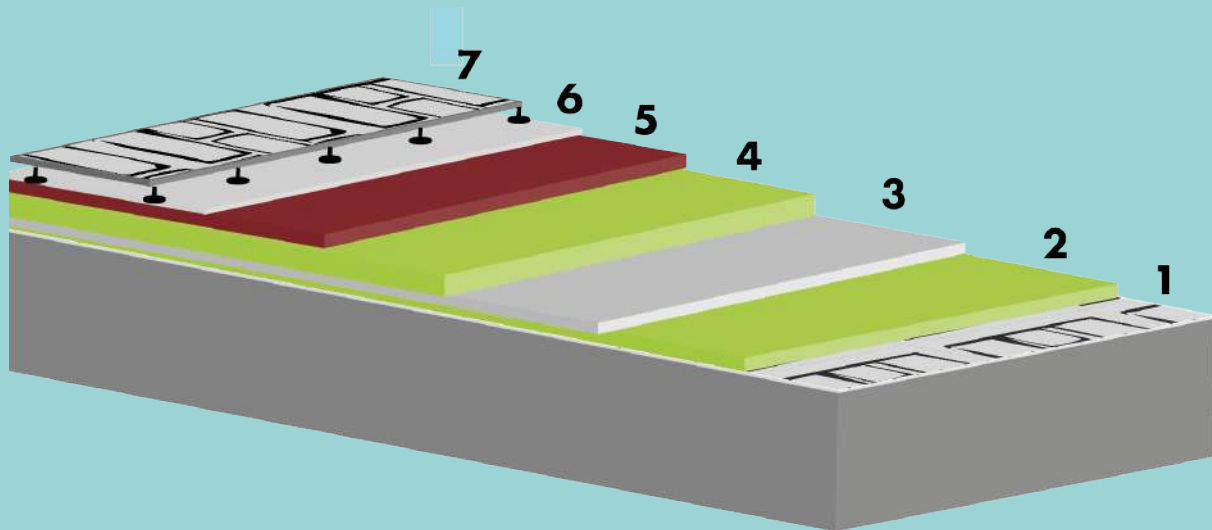
- 1) Substrate (floor, bituminous/cement waterproofing, cement screeds)
- 2) Insulating panels (polyurethane), glued or mechanically fixed
- 3) First coat of VODIPREN 2PUR BLACK
- 4) VODITES 100 gr/sqm
- 5) Second and third coat (if required) of VODIPREN 2PUR BLACK
- 6) T.N.T. protection 300-400 gr/sqm
- 7) Floating flooring or, alternatively, rounded and washed river gravel

WARM ROOF SYSTEM WITH U.V. SCREENING



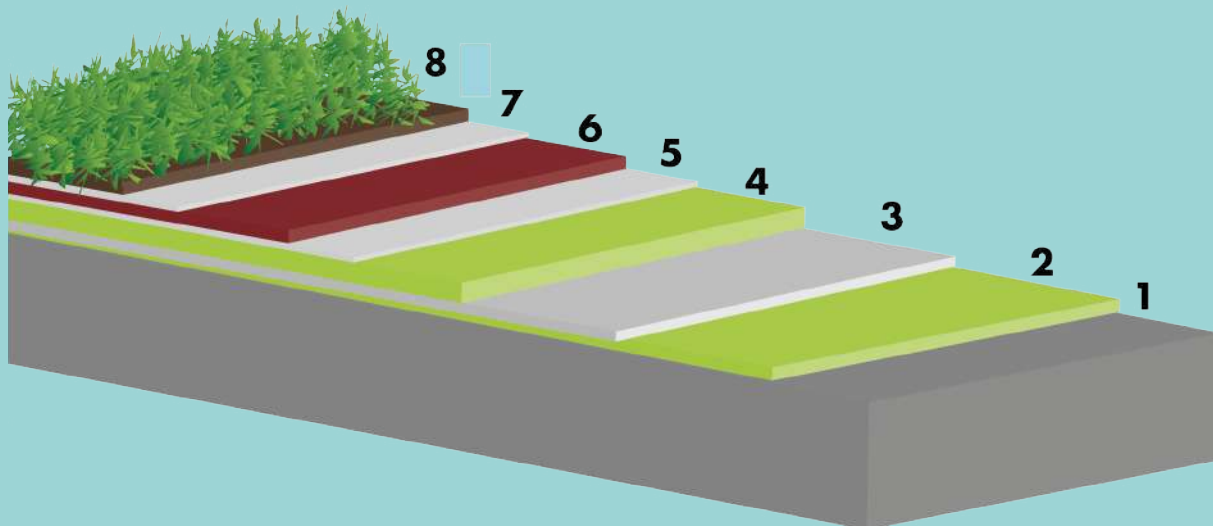
- 1) Substrate (floor, bituminous/cement waterproofing, cement screeds)
- 2) Insulating panel (polyurethane), glued or mechanically fixed
- 3) First coat of VODIPREN 2PUR BLACK
- 4) VODITES 100 gr/sqm
- 5) Second and third coat (if applicable) of VODIPREN 2PUR BLACK
- 6) Highly reflectance U.V. resistant screening (POLYMERCOLOR H.A.P.)

INVERTED ROOF SYSTEM WITH HEAVY PROTECTION



- 1) Substrate (floor, bituminous/cement waterproofing, cement screeds)
- 2) First coat of VODIPREN 2PUR BLACK
- 3) VODITES 60 or 100 gr/sqm
- 4) Second and third coat (if required) of VODIPREN 2PUR BLACK
- 5) Insulating panels (polyurethane/polystyrene)
- 6) T.N.T. protection 300-400 gr/sqm
- 7) Floating flooring or, alternatively, rounded and washed river gravel

GREEN ROOF SYSTEM



- 1) Existing concrete support
- 2) First coat of VODIPREN 2PUR BLACK
- 3) VODITES 60 or 100 gr/sqm
- 4) Second and third coat (if required) of VODIPREN 2PUR BLACK
- 5) Protective layer in T.N.T. 300-400 gr/sqm
- 6) Draining material (rounded river gravel, expanded clay, preformed modules)
- 7) Protective layer in T.N.T. 300-400 gr/sqm
- 8) Vegetal soil

SOME OF OUR WORKS

Redevelopment of driveway roof (Application on wet substrate)



Products used: 2,500 kg/sqm of **VODIPREN 2PUR BLACK** (liquid, polyurethane-bituminous, two-component, solvent-based membrane) + double T.N.T. and finishing with draining asphalt layer of approximately 3cm

Redevelopment of flooring in food area: Pastificio Barilla - Melfi (PZ)



Products used:
VODIEPOXY PRIMER (epoxy-polyamide primer, two-component, transparent) + **VODIRESIN ECOPUR CL** (coloured, polyurethane, waterproof, H.A.C.C.P. certified, water-based protector) + **CATAPUR BASE** (hardener for polyurethane systems)

VATICAN: Pope's private passage Castel Sant'Angelo - S. Pietro



Products used:
VODIPREN 2PUR BLACK (liquid, polyurethane-bituminous, two-component, solvent-based membrane) + **T.N.T.**



Redevelopment of waterproof and walkable roof VALTUR Village - Capo Rizzuto (KR)



PRODUCTS USED:
3 Kg/sqm **VODIPREN 2PUR BLACK** (liquid, polyurethane-bituminous, two-component, solvent-based membrane) + double TNT - **Finishing**: 1 Kg/sqm **VODICOLOR PLUS** (walkable and anti-slip liquid membrane)



Balcony roof redevelopment



PRODUCTS USED:

Lt/sqm 0,100 **POLYMEX PUR PRIMER** (polyurethane, aliphatic, transparent, solvent-based primer) + Lt/sqm 0,700 **POLYMEX 2K-T** (liquid polyurethane, aliphatic, two-component, transparent, solvent-based membrane)

Redevelopment of waterproof and walkable roof Melfi Hospital



PRODUCTS USED:

0,350 Kg/sqm **VODIEPOXY PRIMER** (epoxy-polyamide, two-component, transparent, water-based primer)
Finishing: 2 Kg/sqm **POLYMEX 2K-C**
(liquid polyurethane-polyurea, aliphatic membrane)

Waterproofing of a retaining wall - 1200sqm



PRODUCTS USED:

Kg/sqm 0,300 **VODIECOPRIMER** (bituminous, water-based primer) + Kg/sqm 1,5 **VODIPREN 90** (elasto-bituminous, liquid, water-based membrane) with subsequent placement of a dimpled membrane to protect the waterproofing

Roof redevelopment San Giuseppe's church - Trani (BT)



PRODUCTS USED:

VODIPREN 2PUR BLACK (liquid waterproofing, polyurethane-bituminous, two-component, solvent-based membrane) + **VODITES** strip 100 gr/sqm on all longitudinal and transverse overlaps
Finishing: 1 Kg/sqm of **VODICOLOR ECOPUR**
(onee-component, liquid, polyurethane, aliphatic, colored, water-based membrane)

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