



High-tech building systems

WATERPROOFING

FLOORING

INSULATION



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RESINS TO INCREASE THE ADHESION AND PLANIMETRY OF ALL OUR SYSTEMS

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WE DEVELOP AND
PRODUCE COMFORT



We are a chemical company founded in 1993 and focused on the development, formulation and manufacture of high-tech, high-quality construction products.

Our constant evolution since our beginnings has made us one of the leading European manufacturers of liquid membranes for waterproofing.

Our most prominent areas of activity include the manufacture of **TECNOCOAT** and **DESMOPOL continuous membranes for waterproofing**, **TECNOFOAM** foams for thermal insulation and **TECNOFLOOR** and **TECNOTOP industrial and commercial flooring**.

Our business model, based on development, quality and service, allows us to operate according to the most demanding standards in the sector, making us a leading supplier in both local and international markets, where the demand for our products is constantly and steadily growing.



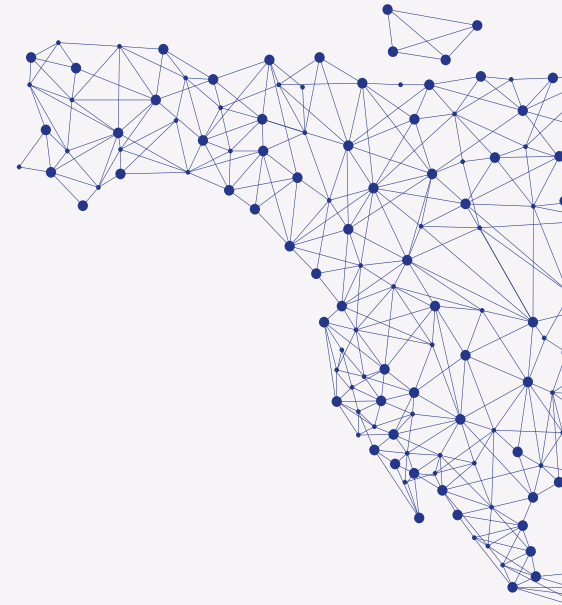
**FOR WATERPROOFING,
INSULATION AND PAVING**

WE DISTRIBUTE OUR PRODUCTS

IN MORE THAN **60 COUNTRIES**

TECNOPOL is a global company with a presence in over 60 countries worldwide. We offer service and coverage through our distributors and commercial alliances throughout Europe, the Middle East, Asia, Africa, Oceania and most areas of the Americas.

Thanks to the expansion and growth process in which we are immersed, **TECNOPOL**'s commercial and distribution network is growing steadily year after year.

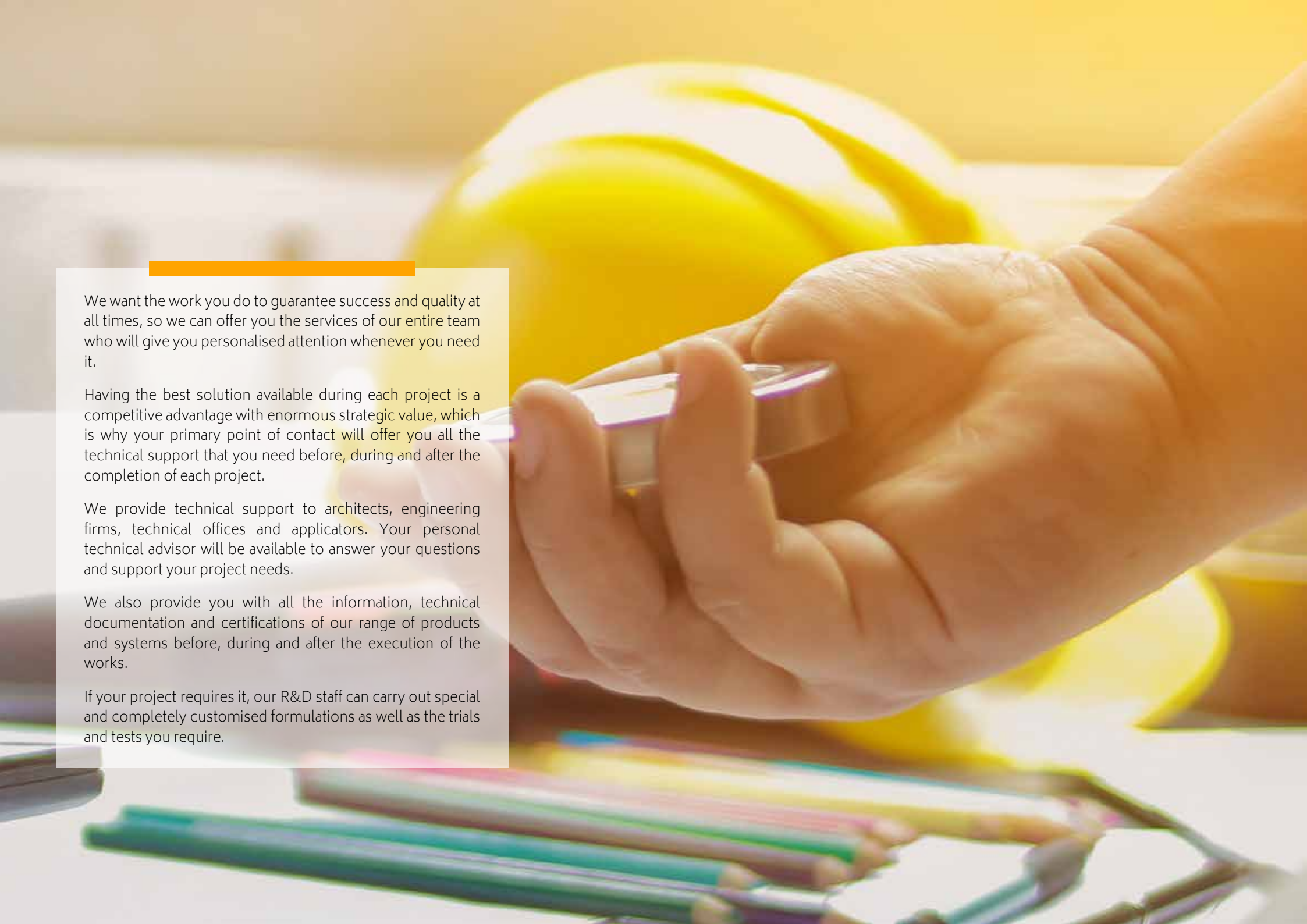




A close-up photograph of a person's hands. The right hand is holding a purple pencil, and the left hand is holding a black calculator. The background is a blurred office setting with papers and a desk. The lighting is warm and focused on the hands.

QUALITY AND ADDED VALUE

A NETWORK OF **TECHNICIANS,**
CONSULTANTS AND SALES
REPRESENTATIVES AT YOUR SERVICE

A hand holding a pen over a desk with a yellow hard hat and colored pencils in the background.

We want the work you do to guarantee success and quality at all times, so we can offer you the services of our entire team who will give you personalised attention whenever you need it.

Having the best solution available during each project is a competitive advantage with enormous strategic value, which is why your primary point of contact will offer you all the technical support that you need before, during and after the completion of each project.

We provide technical support to architects, engineering firms, technical offices and applicators. Your personal technical advisor will be available to answer your questions and support your project needs.

We also provide you with all the information, technical documentation and certifications of our range of products and systems before, during and after the execution of the works.

If your project requires it, our R&D staff can carry out special and completely customised formulations as well as the trials and tests you require.

TECNOPOL ACADEMY
WE LOOK TO THE FUTURE





Tecnopol
ACADEMY

CREATIVE TRAINING FUTURE INNOVATION

Tecnopol Academy is now a reality, operating from the company's new corporate building to offer classroom and distance courses for all those interested in advancing and deepening their knowledge of the professional and avant-garde world of surface waterproofing all types of roofs, buildings, infrastructures and existing spaces, whether interior or exterior. There is a new world of waterproofing to learn about, and knowledge to share and apply.





tecnocoat
HOT SPRAY COATINGS



HIGH-PRESSURE, RAPID-APPLICATION WATERPROOFING MEMBRANE SYSTEM

TECNOCOAT membranes are 100% waterproof and of the highest quality, formed from high-temperature, high-pressure mixing of its liquid components by means of a dosing device. Their excellent properties make them the most widely used membranes in projects with demanding technical requirements.

TECNOCOAT RANGE



TECNOCOAT is a range of products designed for waterproofing and protection in general.

Thanks to their strong adhesion to most substrates, TECNOCOAT products allow secure, permanent bonds with surfaces, making them watertight, impermeable and free of rust and corrosion, with a finish that can be non-slip and in any colour.












TECNOCOAT coatings are extremely durable and highly resistant to various chemical



products, and offer excellent performance against weathering agents.

Within the TECNOCOAT family, a stand-out product is TECNOCOAT P-2049: a dual-component, sprayable, pure polyurea that forms a solid, 100% waterproof and continuous membrane without joints or overlaps that adheres completely to the substrate, is environmentally friendly and dries in just 5 seconds.

ESSENTIAL CHARACTERISTICS

				
ETA / BBA certified useful life of 25 years	Approved for contact with drinking water	Certified root	Perfect water tightness. 100% waterproof	Adhesion on a multitude of surfaces
				
Continuous, without seams joints or overlaps	Fully bonded	Adaptability to any shape or geometry	May be applied to zero slopes	Fast commissioning. Drying in only 5 seconds.
				
Suitable for pedestrian and vehicular traffic	Resistant to climatic changes	Chemical and mechanical resistance	Prevents corrosion, rust and deterioration	High resistance to extreme temperatures

REFERENCE WORKS

ROOFS · TERRACES · TANKS AND CISTERNS · STRUCTURAL SLABS · SWIMMING POOLS · CIVIL WORKS · HYDRAULIC INSTALLATIONS · INDUSTRIAL FACILITIES · FOUNTAINS · WATER PARKS · MINING · PIPELINES · CHEMICAL CONTAINERS





tecnocoat

INFINITE FINISHES

The wide variety of substrates and the versatility of **THE TECNOCOAT** membrane allows for a multitude of roofing combinations with practically any finish. Your **Tecnopol** Technical Advisor will help you design the system tailored to your project.



FLAT ROOF NEW CONSTRUCTION

1. Surface preparation
2. Priming
3. **TECNOCOAT** membrane
4. Finishing with **TECNOTOP**



CERAMIC FINISH COVERING

1. Surface preparation
2. Priming
3. **TECNOCOAT** membrane
4. Anchoring resin **PRIMER PU-1000 + SILICA SAND**
5. Adhesive anchored ceramic finish



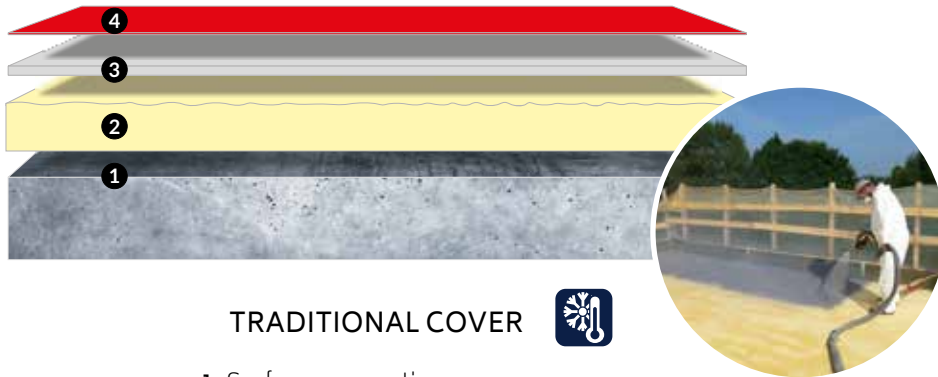
HEAVY VEHICULAR TRAFFIC COVERING

- 1. Surface preparation
- 2. Priming
- 3. **TECNOCOAT** membrane
- 4. Finishing with **TECNOTOP**



LANDSCAPED ROOF

- 1. Surface preparation
- 2. Priming
- 3. **TECNOCOAT** membrane
- 4. The finish for the chosen landscaping system



TRADITIONAL COVER



- 1. Surface preparation
- 2. **TECNOFOAM** polyurethane
- 3. **TECNOCOAT** membrane
- 4. **TECNOTOP** finish



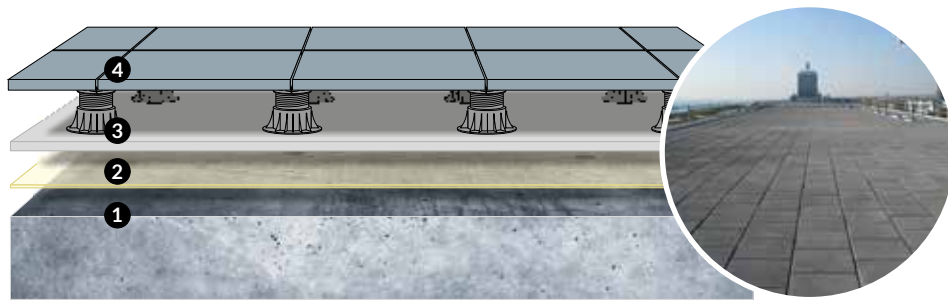
TRADITIONAL INVERTED COVER



- 1. Surface preparation
- 2. Priming
- 3. **TECNOCOAT** membrane
- 4. Thermal insulation board
- 5. Gravel finish



Thermally insulated roof



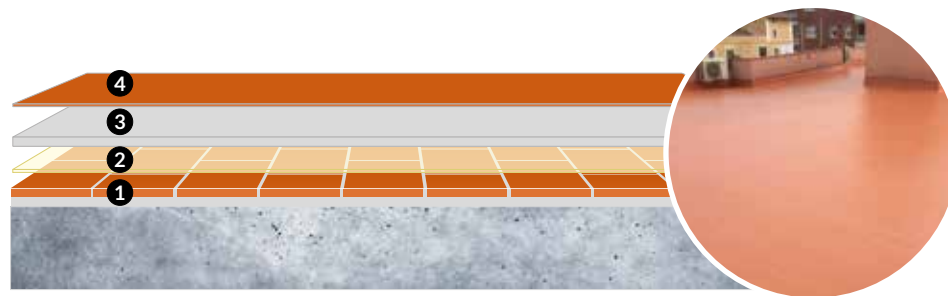
FLAT ROOF WITH PLOT FINISH

1. Surface preparation
2. Priming
3. **TECNOCOAT** membrane
4. Finishing with plot flooring



CONSTRUCTION AND REFURBISHMENT OF SWIMMING POOLS

1. Surface preparation
2. Priming
3. **TECNOCOAT** membrane
4. **TECNOTOP 2CP** or ceramic finish



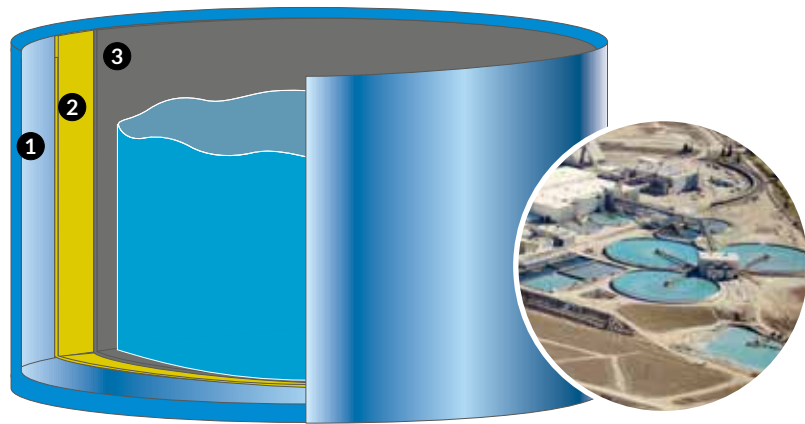
REFURBISHMENT OF ROOFS

1. Surface preparation
2. Priming
3. **TECNOCOAT** membrane
4. Finishing with **TECNOTOP + TECNOPLASTIC**



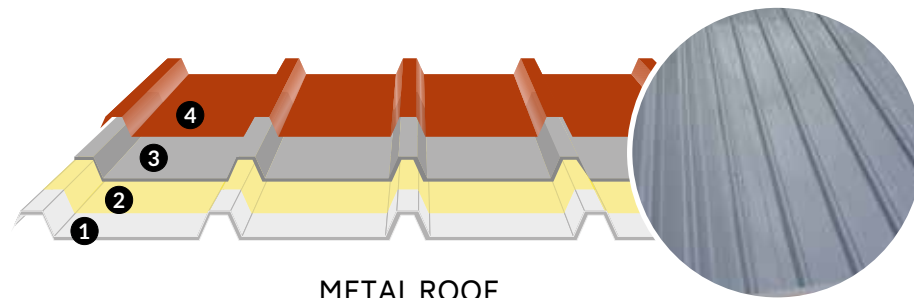
FIFTH FAÇADE

1. Surface preparation
2. Priming
3. **TECNOCOAT** membrane
4. Finishing with **TECNOTOP**



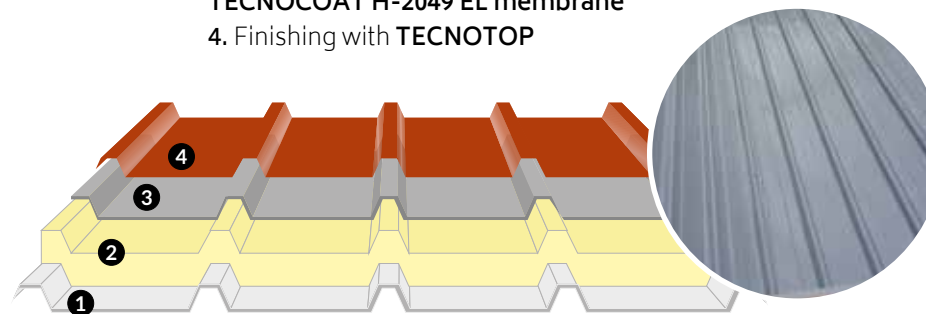
CHEMICAL TANKS / WATER FOR HUMAN CONSUMPTION

1. Surface preparation
2. Priming
3. **TECNOCOAT** membrane



METAL ROOF

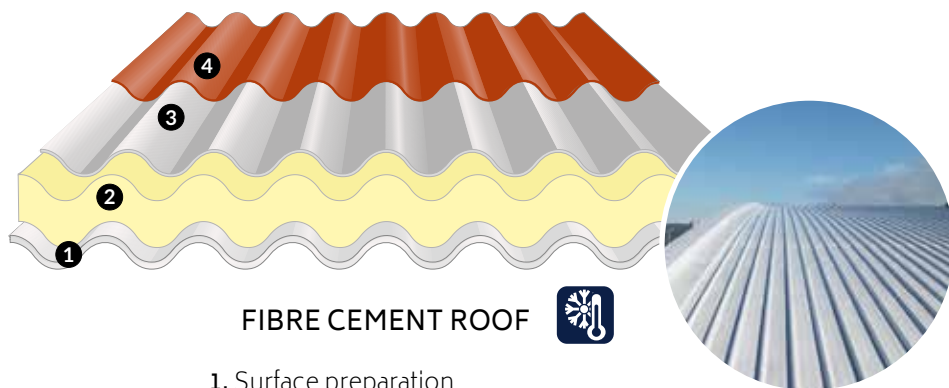
1. Surface preparation
2. Priming
3. **TECNOCOAT P-2049 EL / TECNOCOAT H-2049 EL** membrane
4. Finishing with **TECNOTOP**



METALLIC COVER (TECNOFOAM)



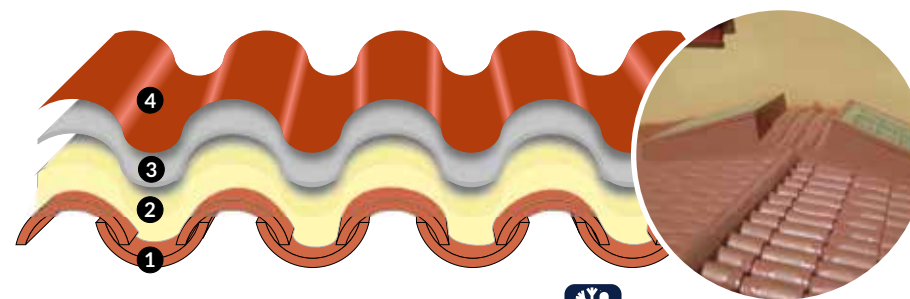
1. Surface preparation
2. **TECNOFOAM** polyurethane
3. **TECNOCOAT** membrane
4. **TECNOTOP** protection



FIBRE CEMENT ROOF



1. Surface preparation
2. **TECNOFOAM** polyurethane
3. **TECNOCOAT** membrane
4. **TECNOTOP** protection



ARABIC TILE ROOF



1. Surface preparation
2. **TECNOFOAM** polyurethane
3. **TECNOCOAT** membrane
4. **TECNOTOP** protection

OTHER MEMBRANE APPLICATIONS

The excellent mechanical properties of **TECNOCOAT** membranes extend their use far beyond waterproofing.

The complete adhesion of **TECNOCOAT** to any surface makes this membrane an excellent protector against external agents, oxidation and deterioration of the elements to which it is applied.



HYDRAULIC LININGS

TECNOCOAT has multiple uses in industry as it offers protection and waterproofing of pipelines, water tanks, chemical products, gas facilities, etc.



OFFSHORE

TECNOCOAT's resistance to chemical and physical attack protects structures and boats from contact with salt water, knocks and friction with other boats and weather agents, thus preserving hulls and decks.



BED LINER

TECNOCOAT is used to protect loading surfaces in pick-up trucks, vans, lorries, agricultural machinery, etc.



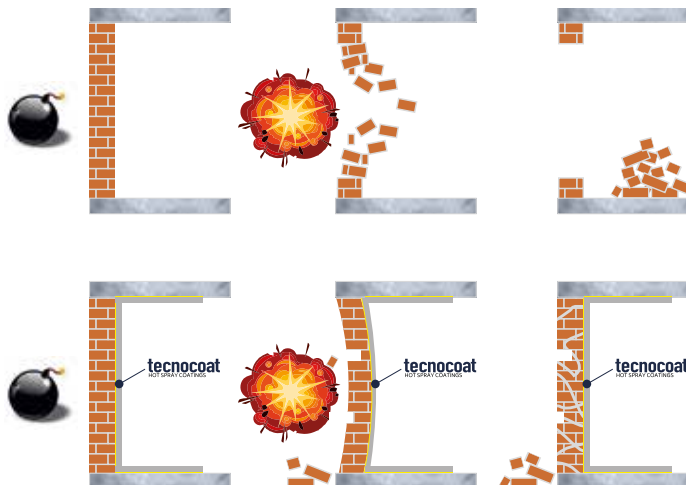
ARMOUR AND DEFENCE

TECNOCOAT can supply specific systems for shielding with a thickness of approximately 5 mm, which offer excellent properties in terms of protection against explosions and external attacks thanks to their high energy absorption capacity and resistance to fragment impact.



THEMING

The adaptability of **TECNOCOAT** to any geometry allows the protection and coating of objects made of easily moldable, delicate or fragile materials. Its use extends to the realisation of figures, sculptures, singular constructive elements, etc.



WALL WITHOUT TECNOCOAT

An explosion on the outside breaks the wall and the remains of the material are projected inward, causing material damage and even personal injury if the room is inhabited.

WALL WITH TECNOCOAT

An explosion on the outside breaks the wall but the polyurea membrane (min. 5 mm) keeps the remains of the material together, thus preventing its projection towards the interior, keeping the room safe.



WATERPROOFING

Pure polyurea liquid membranes



tecnocoat

P-2049



100% **PURE** POLYUREA MEMBRANE FOR WATERPROOFING AND PROTECTION

Dual-component sprayable aromatic coating suitable for waterproofing, protection and sealing.

Min. membrane thickness	±1.5 mm (W3, 25 years)
Initial drying	±5 seconds
Tensile strength	>20 MPa
Elongation	>350 %
Shore A hardness	>93
Method of application	Dispenser equipment



YouTube video



Technical data sheet



tecnocoat

P-2049 EL



100% **PURE** POLYUREA MEMBRANE, **STRETCHABLE (>600%)**

Dual-component sprayable aromatic coating, suitable for waterproofing, protection and sealing. For use in elements with structural movements.

Min. membrane thickness	±1.5 mm
Initial drying	±13-25 seconds
Tensile strength	>13 MPa
Elongation	>600 %
Shore A hardness	>75
Method of application	Dispenser equipment



Technical data sheet



tecnocoat

P-2049 EX



100% POLYUREA MEMBRANE, **WITH THERMAL INSULATION PROPERTIES**

Dual-component sprayable aromatic coating, suitable for waterproofing, protection and sealing. Capable of final expansion of 5 to 7 times its initial thickness.

Min. membrane thickness	±10 mm (±2 kg/m ²)
Initial drying	±3~5 seconds
Tensile strength	±2 MPa
Elongation	>180 %
Shore A hardness	>50
Method of application	Dispenser equipment



Technical data sheet



100% POLYUREA MEMBRANE, LOW VIS-COSITY

Dual-component, sprayable, aromatic coating, suitable for waterproofing, protection and sealing of polyurethane systems **TECNOFOAM**.

Min. membrane thickness	±1.5 mm
Initial drying	±15~17 seconds
Tensile strength	±13 MPa
Elongation	>250 %
Shore A hardness	>85
Method of application	Medium pressure dosing equipment



Technical data sheet



100% POLYUREA MEMBRANE, HIGH RESISTANCE

Dual-component sprayable aromatic coating, suitable for waterproofing, protection and sealing. For situations requiring chemical resistance.

Min. membrane thickness	±1.5 mm
Initial drying	±18 seconds
Tensile strength	±23 MPa
Elongation	>171%
Shore A hardness	>97
Method of application	Dispenser equipment



Technical data sheet



100% POLYUREA MEMBRANE, WITH ANTISTATIC PROPERTIES

Dual-component sprayable aromatic coating, suitable for waterproofing, protection and sealing. Specific for applications where anti-static properties are required.

Min. membrane thickness	±2.00 mm
Initial drying	± 3~5 seconds
Tensile strength	± 20 MPa
Elongation	>350%
Shore A hardness	> 90
Method of application	Dispenser equipment



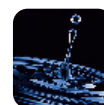
Technical data sheet



tecnocoat·CP
COLD APPLIED POLYUREA

WATERPROOFING

Hand-applied polyurea liquid membranes



tecnocoat
CP-2049



HAND COLD APPLIED POLYUREA MEMBRANE FOR WATERPROOFING

Dual-component aromatic polyurea liquid elastomer which, when applied cold, produces a continuous, 100% watertight and waterproof elastic membrane that adheres fully to substrates without joints or overlaps; its properties make it ideal for application on all types of surfaces in new-built or refurbished buildings. It should be applied manually with a notched trowel and spread out in a single layer.



Min. membrane thickness	±1.5 mm
Pot life	±20~25 min.
Tensile strength	±6~8 MPa
Elongation	>500 %
Shore A hardness	>85
Method of application	notched trowel or rubber lip or roller



Technical
data sheet



tecnocoat H-2049



HYBRID POLYUREA MEMBRANE FOR WATERPROOFING AND COATING

Dual-component, sprayable, aromatic coating, suitable for waterproofing, protection and sealing in general.

Min. membrane thickness	±1.5 mm (W3, 25 years)
Initial drying	±5-7 seconds
Tensile strength	>19 MPa
Elongation	>390 %
Shore A hardness	>90
Method of application	Dispenser equipment



Technical data sheet

tecnocoat H-2049/EL



HYBRID POLYUREA MEMBRANE, **STRETCHABLE**

Dual-component, sprayable, aromatic coating, suitable for waterproofing, protection and sealing in special situations.

Min. membrane thickness	±1.5 mm
Initial drying	±15 seconds
Tensile strength	>20 MPa
Elongation	>450 %
Shore A hardness	>85
Method of application	Dispenser equipment



Technical data sheet

tecnocoat H-2049/LV



HYBRID, **LOW VISCOSITY** POLYUREA MEMBRANE

Dual-component, sprayable, aromatic coating suitable for waterproofing, protection and sealing of **TECNO-FOAM** polyurethane systems.

Min. membrane thickness	±1.5 mm
Initial drying	±15 seconds
Tensile strength	>20 MPa
Elongation	>450 %
Shore A hardness	>85
Method of application	Dispenser equipment



Technical data sheet

APPROVED BY
OFFICIAL CERTIFYING BODIES





WATERPROOFING OF ROOFS

ETE certification (W3 – 25 years of useful life). This approval is based on the European Technical Approval Guide which approves the suitability of the system as a "liquid-applied roof waterproofing system"

This approval includes the EN-13948 certificate of resistance to **root penetration** for use of the product on landscaped roofs.

BRIDGE DECKS

This approval is based on the European Technical Approval Guideline which approves the suitability of the product as a "liquid-applied waterproofing system for bridge decks" (waterproofing under asphalt).



PROTECTION AND REPAIR OF CONCRETE STRUCTURES

EN 1504-2 approval of products and systems for the protection and repair of concrete structures, in the context of which these systems issue the Declaration of Performance for CE marking.



Ideal for use in contact with water intended for human consumption.



BBA CERTIFICATE

WATERPROOFING OF ROOFS

BBA certificate for the British market (W3 – 25 years of useful life) as a liquid waterproofing product applied to roofs; it regulates aspects such as weather resistance, reaction to fire, adhesion to the substrate, resistance to traffic and resistance to **root penetration** (including cases of green roofs.)



CSTB CERTIFICATE

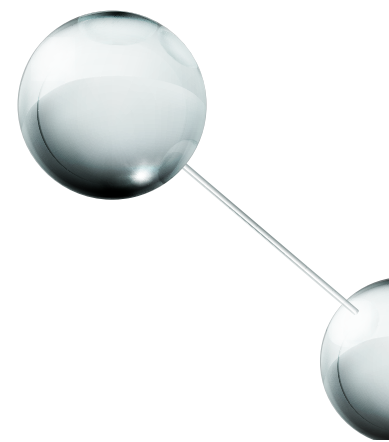
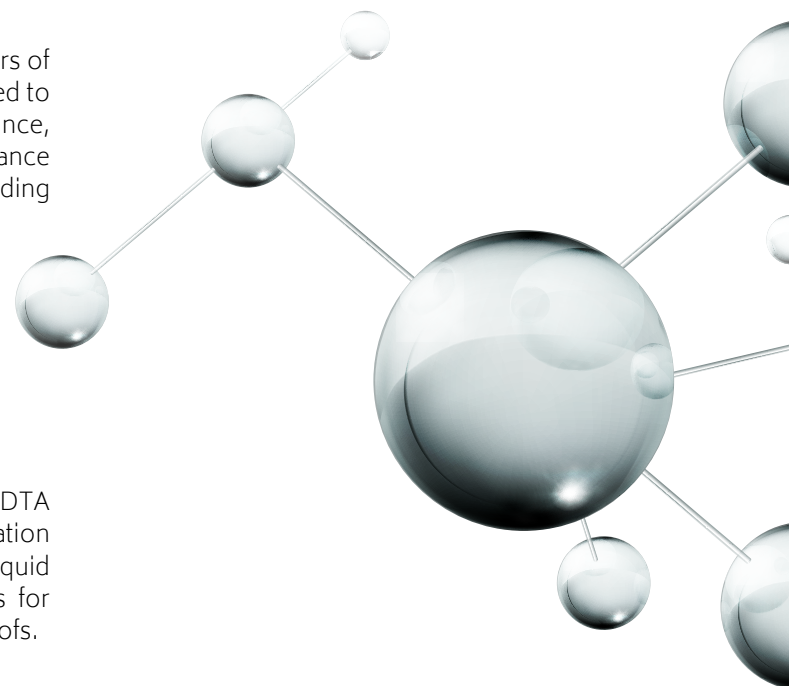
WATERPROOFING OF ROOFS

TECNOCOAT holds the AVIS TECHNIQUE DTA (technical application document) technical certification for the French-speaking market for in-situ liquid waterproofing systems based on polyurea resins for weight-bearing, non-accessible and landscaped roofs.



ASTM CERTIFICATIONS

Tested to various ASTM standards in accordance with U.S. regulations.

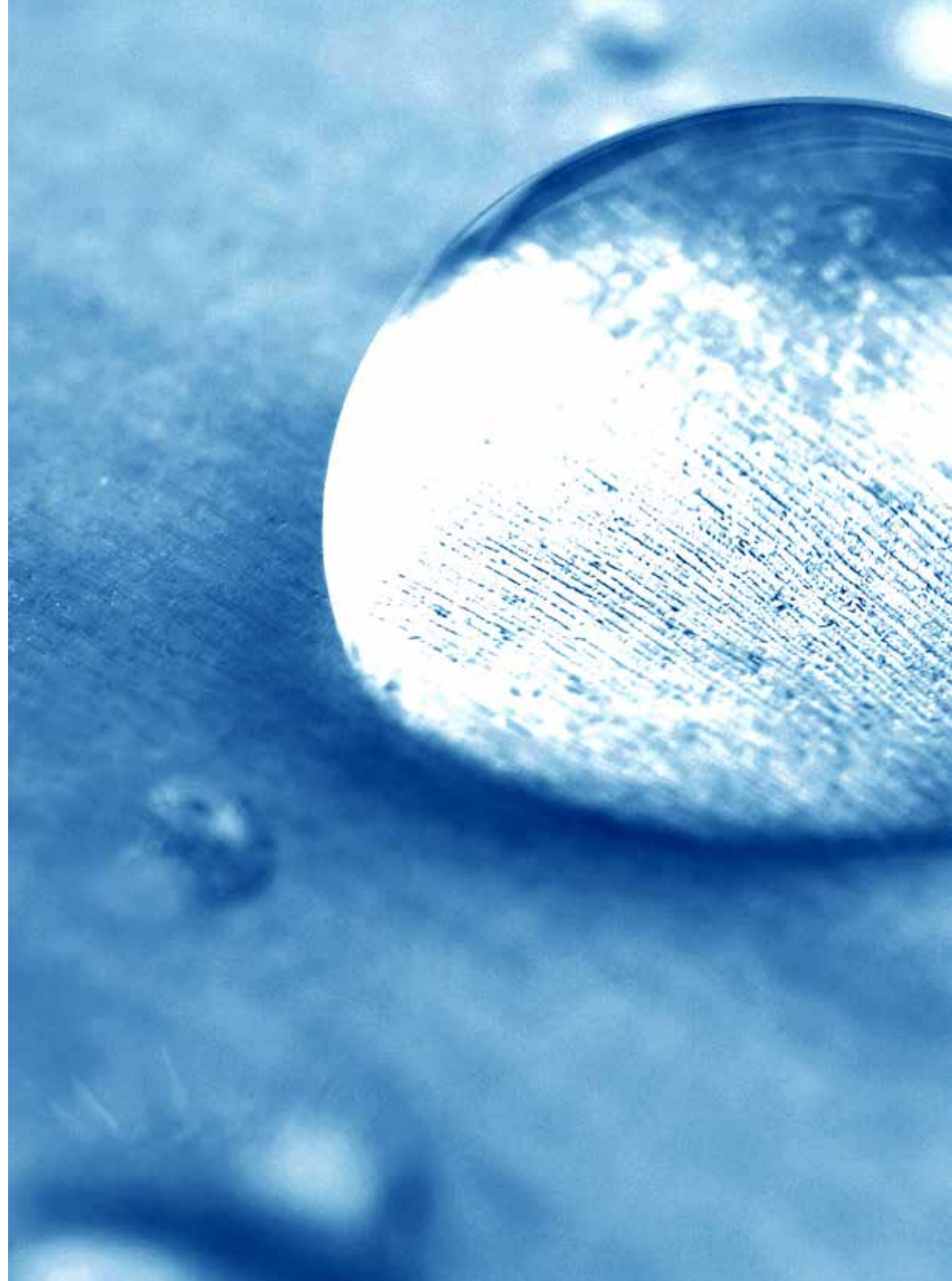


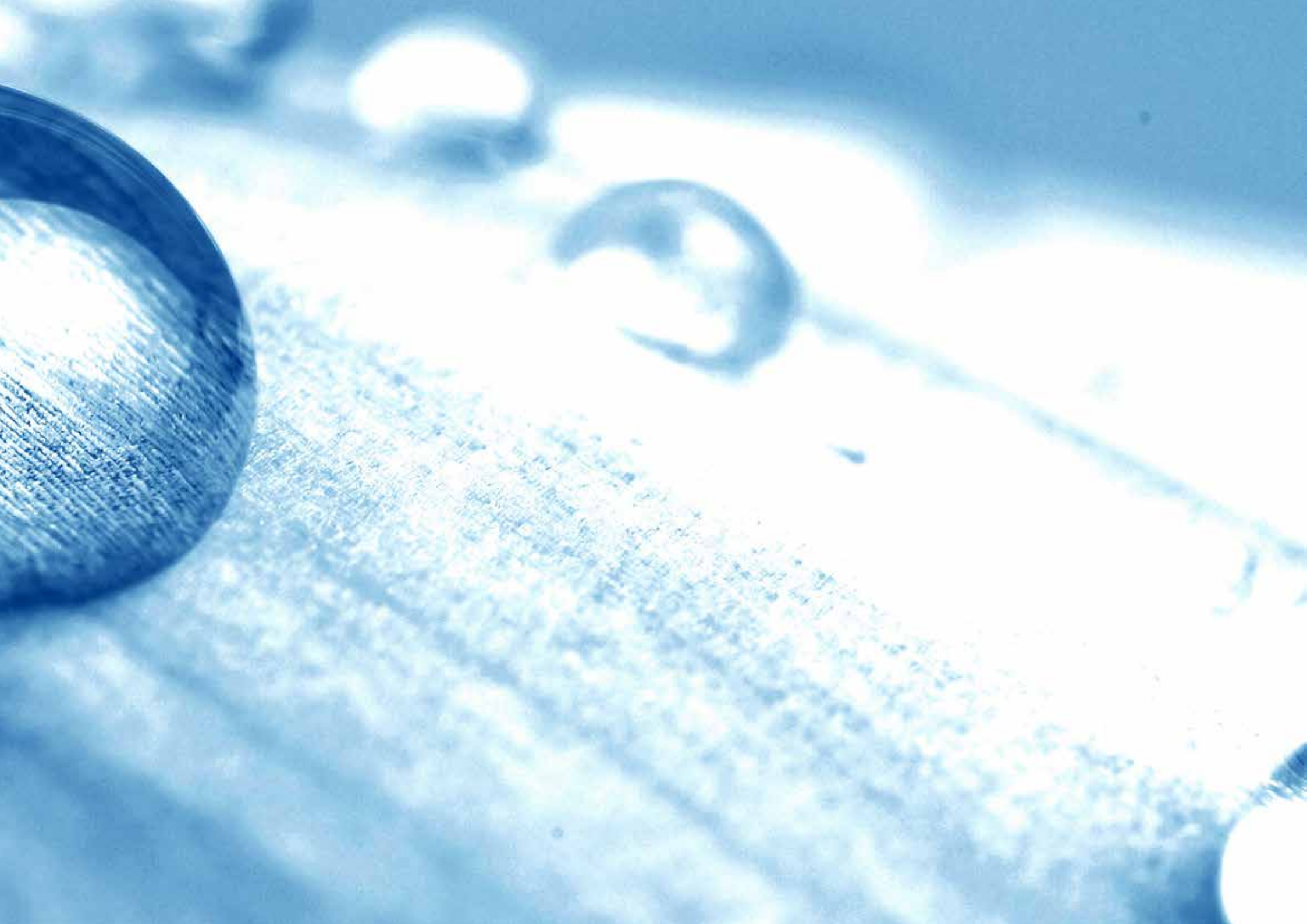


LIQUID WATERPROOFING MEMBRANES FOR MANUAL APPLICATION



The products of the **DESMOPOL** range are continuous, elastic and completely waterproof membranes with properties that make them excellent for application on all types of surfaces, whether used in a new-build project or a large-scale or small-scale refurbishment.





DESMOPOL RANGE



**MEMBRANE FOR
HAND APPLIED**

MUCH MORE THAN ADDITIVES

desmothix
LIQUID

THIXOTROPIC ADDITIVE

This additive gives **DESMOPOL** thixotropic properties to enable its application on vertical or inclined surfaces, preventing the membrane from sagging.

desmoplus
1 LAYER

SPECIAL ADDITIVE

This allows the application of the **DESMOPOL** membrane in a single layer, improves the mechanical properties of the product, eliminates the appearance of bubbles and reduces the initial drying time.

desmoplus
700 1 LAYER

SPECIAL ADDITIVE FOR WARM ENVIRONMENTS

Additive with the same properties as **DESMOPLUS**, specially designed to be applied in warm environments.

desmosolvent
DILUTION & CLEANER

DILUENT FOR DESMOPOL

Diluent for application of **DESMOPOL** with spraying equipment and cleaning of tools and machinery.

EXCEPTIONAL PROPERTIES

			
Perfect water tightness. 100% waterproof	ETE / BBA Certification 25-year useful life	Certification Anti-rooting	Continuous No joints or overlaps
			
Completely adhered	May be applied to zero slopes	Safe for pedestrian traffic	Fast application
			
Adapts to any shape or geometry	Adherence on all types of surfaces	Adherence on all types of surfaces	Resistant to climatic changes



WATERPROOFING

Liquid membranes for manual application



POLYURETHANE WATERPROOFING MEMBRANE

Single-component, aromatic, solvent-based liquid polyurethane elastomer that cures using ambient humidity and produces a coloured, continuous membrane without joints or overlaps that adheres to the substrate.



YouTube video



Technical data sheet



POLYURETHANE WATERPROOFING MEMBRANE FOR CONTACT WITH DRINKING WATER

Dual-component, 100% solid polyurethane elastomer that produces a continuous, elastic, thixotropic and aromatic waterproofing membrane that adheres completely to the substrate without joints or overlaps.



Technical data sheet



TRANSPARENT ALIPHATIC POLYURETHANE WATERPROOFING MEMBRANE

Single-component, aliphatic polyurethane elastomer that cures to create a transparent, continuous elastic membrane that is free of joints or overlaps as well as totally watertight, waterproof and safe to walk on.



Technical data sheet



ALIPHATIC ACRYLIC RESIN-BASED WATERPROOFING PAINT

A waterproofing elastic coating based on pigmented polymeric resins that forms a film that adheres fully to the substrate without joints or overlaps. UV ray-resistant.

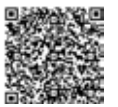


Technical
data sheet



ACRYLIC WATERPROOFING MEMBRANE WITH POLYURETHANE RESINS

Single-component elastic waterproofing coating based on water and modified polyurethane resins. Once dry, it forms a UV-resistant film that adheres fully to the substrate without joints or overlaps. Its polyurethane resin blend gives it superior waterproofing capacity.



Technical
data sheet

AND ALSO....

Easy to apply. Anywhere, **with no** special equipment.
Safe to walk on, resistant and durable. **Fast**
drying even in winter. Allows for **SINGLE**
LAYER APPLICATION. Application to
zero or vertical slopes.





WATERPROOFING OF ROOFS

DESMOPOL has an ETE certificate (W3 — 25 years of useful life). This approval is based on the European Technical Approval Guide (DEE 030350-00-0402) which approves the suitability of the system as a "Polyurethane-based liquid-applied roof waterproofing system". This approval includes the EN-13948 certificate of resistance to root penetration for use of the product on green roofs.



BBA CERTIFICATE

ROOF WATERPROOFING

DESMOPOL has a BBA certificate for the British market (W3 — 25 years of useful life) as a liquid waterproofing applied on roofs; it regulates aspects such as weather resistance, reaction to fire, adhesion to the substrate, resistance to traffic and resistance to root penetration in landscaped roofs



EN 1504-2 APPROVAL

PROTECTION AND REPAIR OF CONCRETE STRUCTURES

DESMOPOL has EN 1504-2 European approval for products and systems for the protection and repair of concrete structures, under which the CE marking is issued.

MULTIPLE STADIUM SYSTEMS

NEW CONSTRUCTION



FLAT ROOF

1. Surface preparation
2. Priming
3. **DESMOPOL** membrane
4. Finishing with **TECNOTOP**



FLAT SLOPED ROOF

1. Surface preparation
2. Mortar slope
3. Priming
4. **DESMOPOL** membrane
5. Finishing with **TECNOTOP**

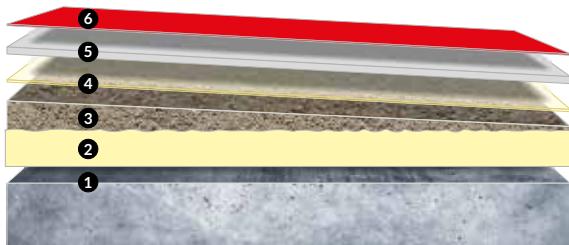


TRADITIONAL COVER



1. Surface preparation
2. **TECNOFOAM PU** foam
3. **DESMOPOL** membrane
4. Finishing with **TECNOTOP**

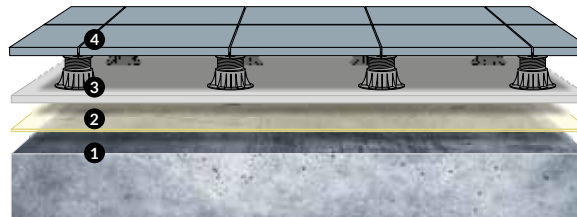
REFURBISHMENT



TRADITIONAL SLOPED ROOF

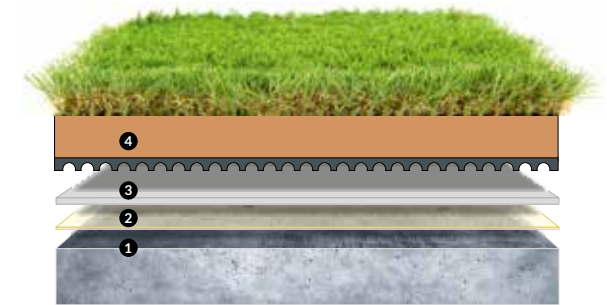


1. Surface preparation
2. **TECNOFOAM PU** foam
3. Mortar slope
4. Priming
5. **DESMOPOL** membrane
6. Finishing with **TECNOTOP**



FLAT ROOF WITH PLOT FINISH

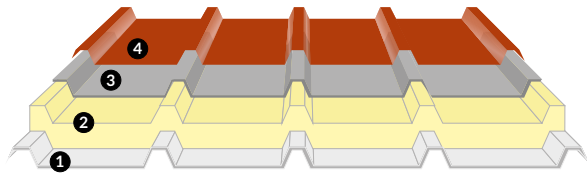
1. Surface preparation
2. Priming
3. **TECNOCOAT** membrane
4. Finishing with plot flooring



LANDSCAPED ROOF



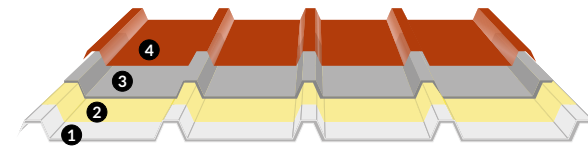
1. Surface preparation
2. Priming
3. **DESMOPOL** membrane
4. Landscaped finish



METALLIC COVER (TECNOFOAM)

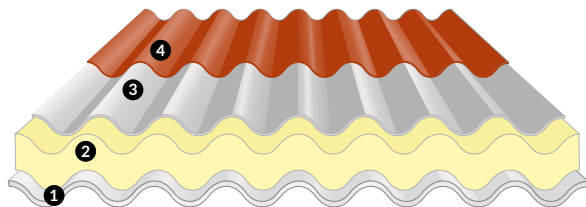


1. Surface preparation
2. **TECNOFOAM** polyurethane
3. **TECNOCOAT** membrane
4. **TECNOTOP** protection



METAL ROOF

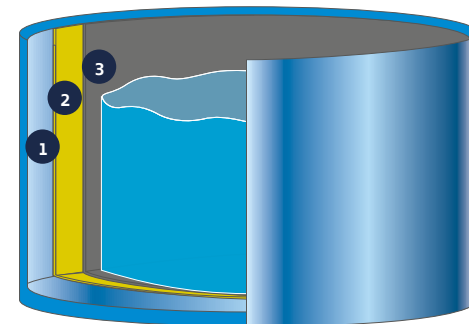
1. Surface preparation
2. Priming
3. **TECNOCOAT P-2049 EL / TECNOCOAT H-2049 EL** membrane
4. Finishing with **TECNOTOP**



FIBRE CEMENT ROOF

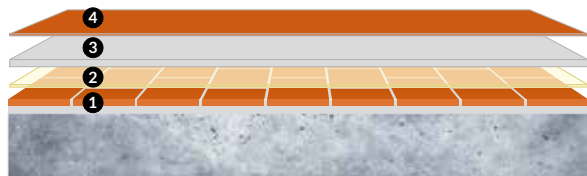


1. Surface preparation
2. **TECNOFOAM** polyurethane
3. **TECNOCOAT** membrane
4. **TECNOTOP** protection



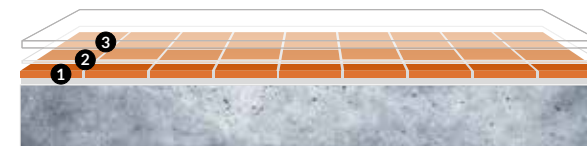
DRINKING WATER TANK

1. Surface preparation
2. Priming
3. **DESMOPOL DW** membrane



REFURBISHMENT OF ROOFS

1. Surface preparation
2. Priming
3. **DESMOPOL** membrane
4. Finishing with **TECNOTOP**



ROOF REFURBISHMENT WITH TRANSPARENT FINISH

1. Surface preparation
2. Priming
3. **DESMOPOL T** membrane









PROTECTION AND DESIGN
HIGH QUALITY, HIGH STRENGTH
FLOORING AND FINISHES

High-performance products to be used as an industrial, commercial or residential paving system or as a protection for aromatic products, with a high-quality decorative finish at all times.

TECNOTOP RANGE



**ALIPHATIC PROTECTION
WITH HIGH PERFORMANCE**

HIGHLY RESISTANT FLOORING, FASTEST POSSIBLE COMMISSIONING



Fast commissioning
Dries in as little as 2 hours



Dries in extreme conditions
down to -20°C



Flame retardant



Prevents corrosion, rust and deterioration



Fully bonded



Excellent chemical and mechanical resistance



Continuous
Without seams

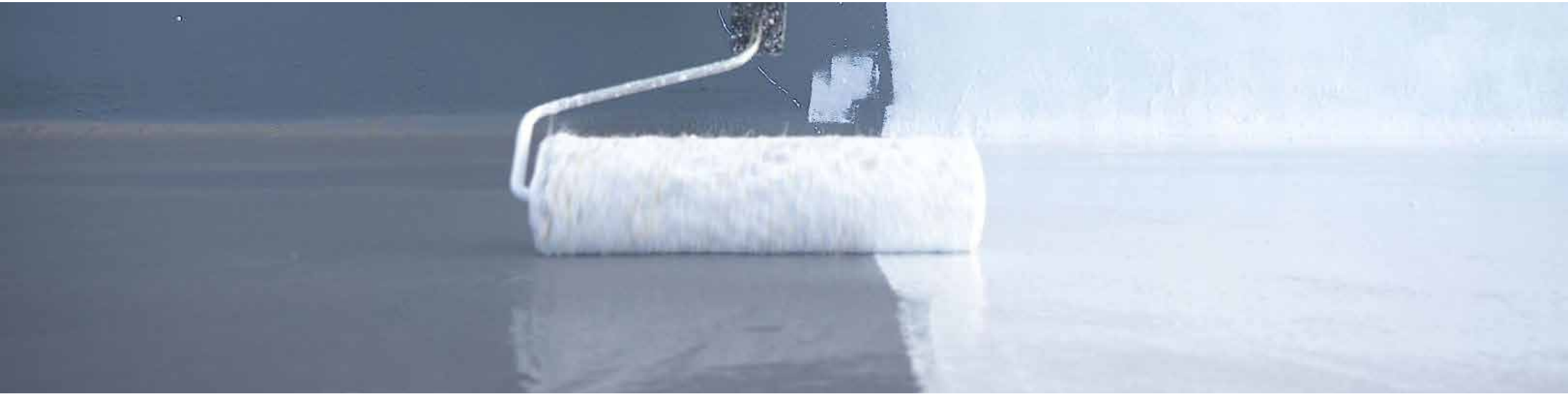


Adapts to any shape or geometry



High resistance to heavy road traffic

PROTECTION, PAVING AND DESIGN
UV resistant resins and coatings



HI-TECH HAND-APPLIED ALIPHATIC POLYUREA-BASED COLOURED HI-TECH COATING

Dual-component, flowable, polyurea-based coating with very high mechanical strength and flexibility, that dries quickly and may be applied cold. High performance in resisting vehicular traffic.



Technical data sheet



HIGH-QUALITY, TRANSPARENT, ALIPHATIC COATING WITH MAXIMUM STRENGTH AND DURABILITY

Dual-component, flowable, polyurea-based coating with very high mechanical strength and flexibility, that dries quickly and may be applied cold. For both indoor and outdoor surfaces.



Technical data sheet



YouTube video

tecnotop 1C

**SINGLE-COMPONENT, ALIPHATIC RESIN
SUITABLE FOR UV PROTECTION**

Coloured resin with satin finish for protection of aromatic membranes. It forms a flexible, strong and continuous film that resists weathering, extreme temperatures and UV rays.



Technical
data sheet



YouTube video

tecnotop 2C

**DUAL-COMPONENT ALIPHATIC
POLYURETHANE RESIN SUITABLE FOR
FLOORING
AND UV PROTECTION**

Coloured, glossy, solvent-based polyurethane resin for coating, decoration and protection of floorings with a glossy finish, as well as protection of aromatic membranes against UV rays. Resistant to vehicular traffic.



Technical
data sheet

tecnotop 2CP

**DUAL-COMPONENT POLYURETHANE RESIN, FOR FULL
IMMERSION IN CHLORINATED OR SALINE WATER AND
PROTECTION AGAINST UV RAYS**

Coloured resin for coating and decoration, especially on surfaces in contact with chlorinated water, saline water and total immersion situations, as well as protection of aromatic membranes against UV rays.



Technical
data sheet





tecnofloor
FLOORING SYSTEMS



FLOORING CONTINUOUS INDUSTRIAL FLOORINGS

TECNOFLOOR industrial and continuous floorings are designed to pass the most demanding tests of frequent intensive use. We have developed this range of flooring for applications where durability, strength and a decorative finish are required.





TECNOFLOOR RANGE

**CONTINUOUS FLOORING WITH
HIGH RESISTANCE** DESIGNED FOR
THE MOST DEMANDING USES



TECNOFLOOR industrial floorings are designed to pass the most demanding tests of frequent intensive use.

The daily loads and stresses they must withstand, together with the requirements of safety, health and hygiene, have led us, after a long research process, to develop this range of floorings suitable for any application where durability, resistance and a decorative finish are required.





FLOORING

Continuous industrial and commercial flooring



tecnofloor

T-3020

100% SOLIDS-BASED EPOXY RESIN FOR SURFACING AND PAVING

Dual-component, pigmented, fluid, glossy, epoxy-based coating with high chemical and mechanical resistance that forms a continuous, aromatic coating. For coating and cladding of surfaces for pedestrian and vehicular traffic as well as for industrial uses



Technical data sheet



tecnofloor

T-3020 N

100% SOLIDS-BASED NEUTRAL EPOXY RESIN FOR COATING AND PAVING

Same characteristics as **TECNOFLOOR T-3020**, but in a neutral version which may be dyed using the **PIGMENTS EP** range.



Technical data sheet



tecnofloor

Tw-3040



WATER-BASED EPOXY RESIN FOR COATING AND PAVING

Dual-component, pigmented, flowable and water-based epoxy coating that forms a continuous, aromatic coating. With medium chemical and mechanical resistance, suitable as a finish for industrial flooring and road traffic.

It is certified tested for migration to drinking water and food contact, in addition to the European standard for structural concrete protection.



Technical data sheet



tecnofloor

PU-3060



100% SOLIDS-BASED POLYURETHANE RESIN FOR SURFACING AND PAVING

Dual-component, pigmented, glossy, flowable and 100% solids-based polyurethane-based coating with chemical and mechanical resistance that forms a continuous, aromatic coating. For coating and cladding surfaces for pedestrian and vehicular traffic.



Technical data sheet



**DUAL-COMPONENT POLYURETHANE RESIN
FOR AGGLUTINATING ACIDS, ALIPHATIC AND
TRANSPARENT**

Dual-component, aliphatic, odourless, transparent and 100% solids-based polyurethane for use as a binder suitable as stone encapsulation for both pedestrian and vehicular traffic areas exposed to UV rays.



Technical
data sheet



**CURING ACCELERATOR FOR
TECNOFLOOR STF-7020**

Single-component yellowish additive that reduces the pot life, drying time and in-service times of **TECNOFLOOR STF-7020** resin binder. The mixing ratio should be a maximum of 150 g / 7 kg of **TECNOFLOOR STF-7020** kit.



Technical
data sheet

A worker wearing a full white protective suit, a respirator mask, and a cap is kneeling on a concrete floor. The worker is using a spray gun to apply a thick, white, textured foam insulation to the underside of a wooden ceiling structure. The foam is being applied between wooden joists. The word "INSULATION" is overlaid in large, white, bold, sans-serif capital letters across the center of the image.

INSULATION



THERMAL INSULATION SYSTEMS EFFECTIVE, MULTI-PURPOSE and EASY TO APPLY

The high insulating capacity of sprayed polyurethane cannot be achieved in construction with any other type of material. Its continuous application on the surface eliminates thermal bridges and therefore reduces energy consumption and optimises air conditioning costs. Our systems have been specially formulated to offer not only excellent thermal insulation but also ideal mechanical properties for construction and industrial applications.



VARIETY OF APPLICATIONS





tecnofoam HFO

CLOSED CELL POLYURETHANE FOAMS

TECNOFOAM HFO RANGE

EXPANDING ENERGY WITH CLOSED CELL

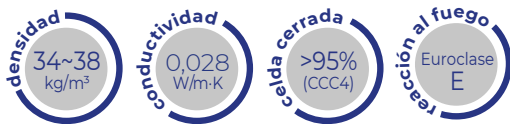


±35
kg/m³

Foam that allows a complete and continuous thermal insulation system in construction and industry, as well as in all types of livestock and agricultural facilities. Its use is especially recommended for interior applications involving roofs, interior façade chambers, ventilated façades and partition walls in general.



Technical data sheet



±60
kg/m³

Used in all types of insulation, its high compressive strength makes it the foam of choice for the insulation of weight-bearing roofs and interior floorings. In combination with the **TECNOCOAT P-2049** waterproofing membrane, it allows the creation of completely safe roofs.



Technical data sheet



±40
kg/m³

The most versatile closed cell foam, thanks to its medium density. Widely used as thermal insulation in all types of residential, commercial and industrial applications, as well as on weight-bearing roofs and interior floorings.



Technical data sheet



TECNOFOAM HFO complies with the European Union's environmental regulations on fluorinated gas emissions.

1
GWP

0
ODP



TECNOFOAM H2O RANGE

OUR MOST ENVIRONMENTALLY FRIENDLY RANGE OF FOAMS

WATER AS A BLOWING AGENT FREE OF GREENHOUSE GAS POLLUTANTS

The GREENEST range of TECNOFOAM uses WATER as a blowing agent, doing away with gases that may harm the environment.

In addition, TECNOFOAM water-based systems are completely stable and inert once applied, without any emission of harmful particles both during application and throughout its useful life.

Thermal conductivity remains stable from the moment of application, generating layers with high dimensional stability.





±10
kg/m³

Foam developed for thermal insulation and acoustic conditioning of residential buildings. Suitable for walls and under decks. Offers maximum coverage of wood structures and beams.

- densidad: 8~12 kg/m³
- conductividad: 0,038 W/m·K
- caída cerrada: <15% (CCC1)
- reacción al fuego: Euroclase F1



Technical data sheet



YouTube video



±33
kg/m³

Medium-density foam for insulation of interior façade chambers and ventilated façades in livestock, agricultural and industrial facilities. This system achieves large thicknesses with reduced consumption and minimal application time.

- densidad: 33~35 kg/m³
- conductividad: 0,031 W/m·K
- caída cerrada: 20~80% (CCC2)
- reacción al fuego: Euroclase E



Technical data sheet



±35
kg/m³

Foam developed for use in thermal insulation in construction and industry. Recommended for use in interior façade chambers, ventilated façades and in all types of livestock and agricultural facilities.

- densidad: 33~37 kg/m³
- conductividad: 0,031 W/m·K
- caída cerrada: 20~80% (CCC2)
- reacción al fuego: Euroclase E



Technical data sheet



±45
kg/m³

Effective insulation system with compressive strength that allows its use with weight-bearing roofs and interior floorings.

- densidad: 40~50 kg/m³
- conductividad: 0,033 W/m·K
- caída cerrada: 20~80% (CCC2)
- reacción al fuego: Euroclase E



Technical data sheet



YouTube video



±45
kg/m³

It is specifically designed for thermal insulation of weight-bearing roofs in construction and industry, in applications where special fire resistance properties are required.

- densidad: 40~50 kg/m³
- conductividad: 0,031 W/m·K
- caída cerrada: 20~80% (CCC2)
- reacción al fuego: M1



Technical data sheet



±55
kg/m³

High density foam with compressive strength, especially suitable for thermal insulation of weight-bearing roofs and interior floorings. It can even support vehicular traffic.

- densidad: 50~60 kg/m³
- conductividad: 0,031 W/m·K
- caída cerrada: 20~80% (CCC2)
- reacción al fuego: Euroclase E



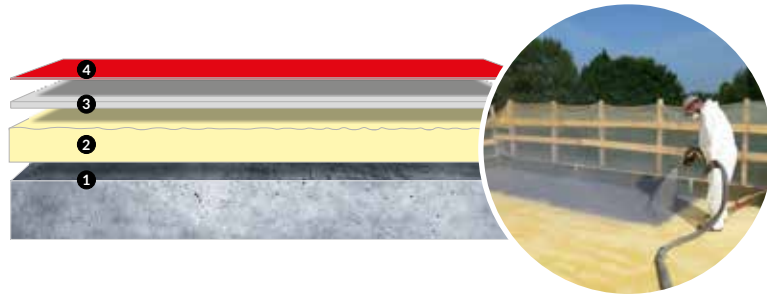
Technical data sheet

TECNOFOAM + LOW VISCOSITY POLYUREA THE TANDEM THAT ENABLES 100% SAFE AND EFFICIENT ROOFS

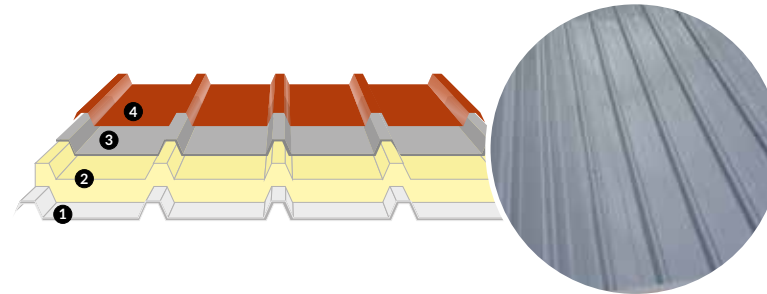
TECNOFOAM polyurethane foams in combination with TECNOCOAT P-2049 LV low viscosity polyurea allows construction or refurbishment of roofs, offering excellent thermal insulation together with full waterproofing of the surface.

The low viscosity of TECNOCOAT P-2049 LV allows its application with the same spraying equipment used for the foam.

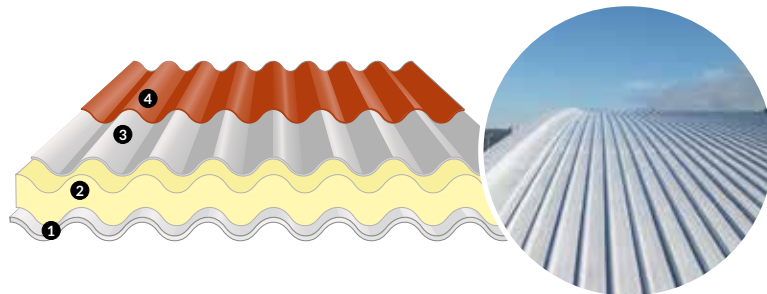
TRADITIONAL COVER



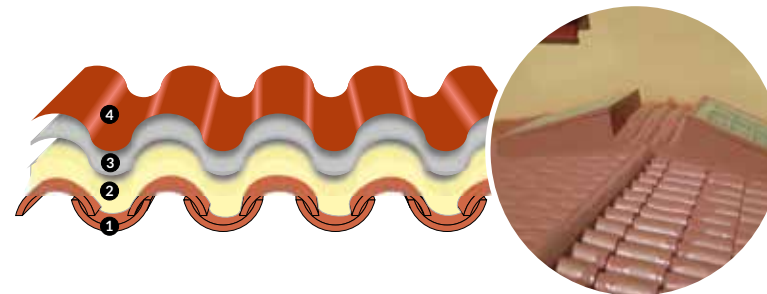
METAL ROOF



FIBRE CEMENT ROOF



ARABIC TILE ROOF



- 1 Substrate 2 Tecnofoam G-2050 or G-2060HFO 3 Tecnocoat P-2049 LV 4 Tecnotop 2C

TECNOFOAM INJECTION ISOLATION THAT GETS EVERYWHERE

TECNOFOAM injection systems are specially formulated for applications where a continuous injected thermal insulation system is required. They are suitable for both construction and general industry and are available in two densities: 15 and 35 kg/m³.



WATER-BASED, 100% ECO-FRIENDLY

Injection system widely used in construction, mainly in interior wall chambers. It is ideal for renovation projects where thermal insulation capacity is required due to either omission or renovation.



Technical data sheet



MAXIMUM EXPANSION, CLOSED CELL

System specially designed as a thermal insulator for industry, widely used to fill refrigerators, pipes and industrial parts of all kinds. In general, for any application where continuous injection of an insulating material is required.

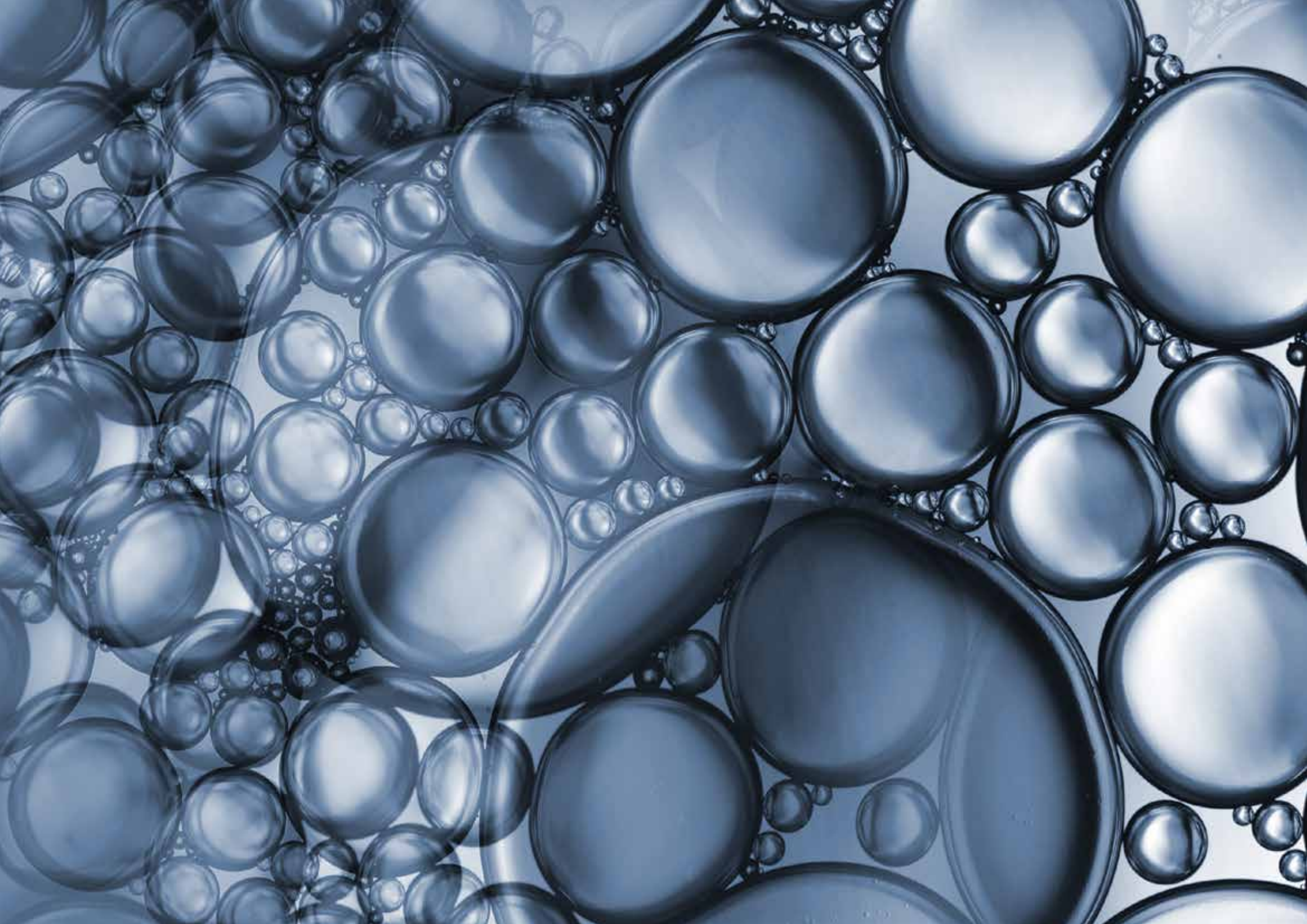


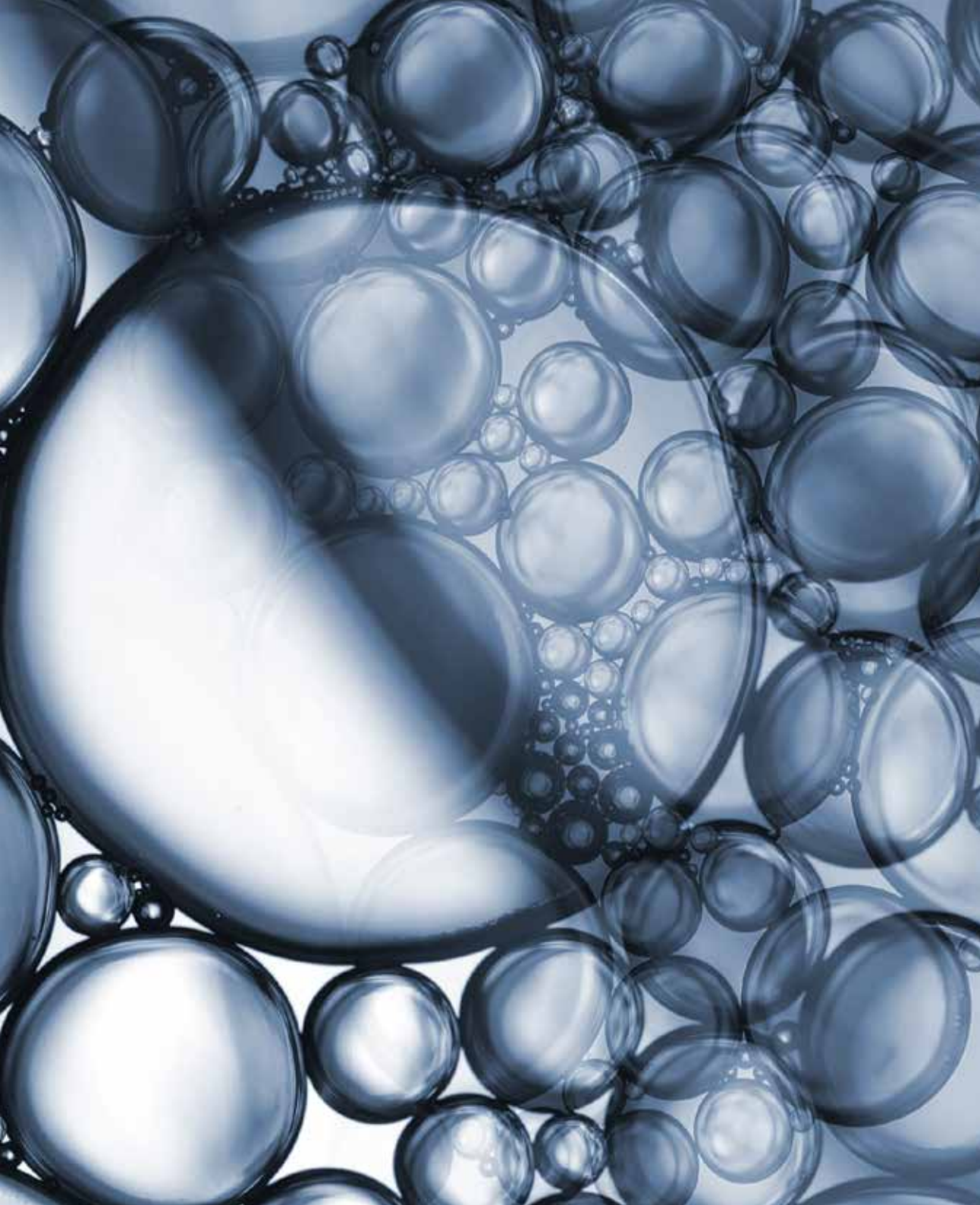
Technical data sheet











**RANGE OF PRIMERS DESIGNED
TO MAXIMISE ADHESION ON EACH
SUBSTRATE**

We have developed a range of different types of resins to maximise adhesion on any porous or non-porous substrate in variable temperature and humidity conditions and to facilitate the application of our membranes and floorings.

PRIMER RANGE



**PREVIOUS
PREPARATION**

The **TECNOPOL PRIMER** range offers the perfect solution for all your waterproofing and paving jobs, whatever the surface and conditions.



ADVANTAGES

- **For any surface**

For porous and non-porous surfaces: concrete, cement, metal, wood, etc.

- **Versatility and top quality**

Choose from solvent, water-based or 100% solids-based, depending on the requirements of your particular project.

- **Wet surfaces**

Resins for surfaces with up to 98% residual moisture.



PRIMER RANGE

Maximise adhesion to any substrate



SINGLE-COMPONENT SOLVENT-BASED
POLYURETHANE RESIN PRIMER

Single-component polyurethane resin with low viscosity and high solids content.



Technical
data sheet



DUAL-COMPONENT 100% SOLIDS-BASED
POLYURETHANE PRIMER

Designed to increase the adherence and improve the planimetry of rough substrates (structural concrete, mortars, etc.)



Technical
data sheet



DUAL-COMPONENT 100% SOLIDS-BASED
POLYURETHANE PRIMER FOR LOW
TEMPERATURES

Same characteristics as PRIMER PU-1050 but for low ambient temperature situations.



Technical
data sheet



100% SOLIDS-BASED DUAL-COMPONENT EPOXY RESIN AND FILLERS

Designed to regularise concrete, mortar or ceramic substrates and increase adhesion.



Technical data sheet



DUAL-COMPONENT 100% SOLIDS-BASED EPOXY RESIN PRIMER

Designed to increase adhesion on non-porous substrates such as metal.



Technical data sheet



DUAL-COMPONENT WATER-BASED EPOXY RESIN PRIMER

Resin with 0% volatile matter. Designed to increase the adhesion of rough substrates.



Technical data sheet



DUAL-COMPONENT 100% SOLIDS-BASED EPOXY RESIN PRIMER

Designed to regularise concrete, mortar or ceramic substrates and increase adhesion.



Technical data sheet



100% SOLIDS-BASED DUAL-COMPONENT EPOXY RESIN FOR FAST DRYING OF HIGH-MOISTURE SUBSTRATES

Solvent-free, low-viscosity, fast-drying resin applicable to porous substrates with high humidity (up to 98%).



Technical data sheet



IMPREGNATION IN ALCOHOLIC SOLUTION CONTAINING ADHESION PROMOTERS

Colourless impregnation to increase the adhesion of DESMOPOL T and TECNOTOP S-3000 T on non-porous substrates.



Technical data sheet



DUAL-COMPONENT 100% SOLIDS-BASED EPOXY RESIN FOR SUBSTRATES WITH A HIGH DEGREE OF HUMIDITY

Solvent-free, low viscosity, applicable on porous substrates with a humidity level of up to 98%.



Technical data sheet



YouTube video

RECOGNITION, PEACE OF MIND AND CONFIDENCE SUCCESS AND THE SATISFACTION OF A JOB WELL DONE

For a professional there is nothing more gratifying than to obtain **recognition** from clients. We at **TECNOPOL** are constantly working to offer you the highest quality products, tested and certified systems and all the support of our team of experts and professionals. In short, we offer you **maximum peace of mind and confidence in the products we use** so that you can focus on what really matters, your project.

It is clear to us that we will continue to innovate and manufacture products at the forefront of the sector with the aim of ensuring that our customers continue to reap success in every job they do.









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