



INSULATION

AT THE FOREFRONT OF CONSTRUCTION CHEMISTRY

www.wedevelopvalue.com



WE FORMULATE, MANUFACTURE AND DISTRIBUTE TECHNOLOGICALLY ADVANCED CHEMICAL PRODUCTS



TECNOPOL is a chemical company founded in 1996 devoted to the development, formulation and manufacture of technologically advanced, high quality construction products for waterproofing, insulation and flooring.

TECNOPOL is currently the European leader in the manufacture of liquid membranes designed for waterproofing, and its products have achieved maximum recognition from the principal international bodies, obtaining a number of certificates including the ETA, BBA, DTA and ASTM standards.



With headquarters in Barcelona (Spain) and a presence in 5 continents through its business partners, TECNOPOL now distributes its products in more than 60 countries worldwide.



WE PROVIDE SUPPORT FOR ALL YOUR PROJECTS



1. Prescription

We will analyze your waterproofing or insulation requirements in detail and advise you on the most suitable system. We will then supply the products together with the documentation required according to the particular project.



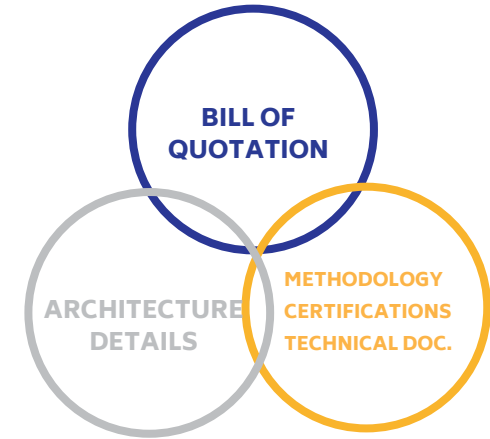
2. Full technical assistance

We will answer all your questions on the application and characteristics of particular products before, during and after execution. We provide expert advice on the installation of waterproofing and insulation systems.



3. Training for users

We offer ongoing training courses to help users confront any situation which may arise in the course of the construction project. Tecnopol has a training offer, TecnopolAcademy, with the aim of transmitting professional and environmental standards to enhance the waterproofing profession.





INSULATION

EFFICIENT, VERSATILE and EASY TO APPLY THERMAL INSULATION SYSTEMS

The high insulation capacity of polyurethane cannot be achieved in construction with any other material. Continual application over the surfaces eliminates thermal bridges and, as a result, reduces energy consumption and minimizes costs in heating and air conditioning. Our systems have been specially formulated to offer ideal mechanical properties for building and industry applications, as well as providing excellent thermal insulation.



RESIDENTIAL APPLICATIONS WITH DENSITIES OF BETWEEN 8 AND 60 KG/M³



Wall and ceiling interiors

±20
kg/m³



Interior cavities, inverted roofs,
ventilated facades, etc.

±30
kg/m³



Transitable flat roofs

±60
kg/m³



Wall and ceiling interiors

±8
kg/m³



Vehicle traffic floorings

±60
kg/m³



Injection in interior cavities for
acoustic insulation

±8
kg/m³



Transitable flat roofs and
underfloor heating

±40
kg/m³



TECNOFOAM HFO RANGE

CLOSED-CELL EXPANSION ENERGY

Systems with a high closed-cell content provide excellent resistance to water vapour absorption, which translates into better waterproofing of the building element, whether the roof or facade. In addition, the high reactivity of the gas enables application in all climates, with great advantages particularly in cold environments.

TECNOFOAM HFO complies with environmental regulations for the emission of fluoride gases in the European Union.

1
GWP

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ODP

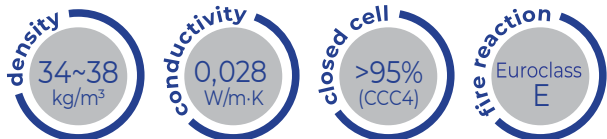


A foam which allows a complete and continuous thermal insulation system for construction and industry applications as well as all types of livestock and farming installations. Especially recommended for use on the underside of roofs, interior cavities, ventilated facades and paneling in general.

The most versatile closed-cell foam thanks to its medium density. Widely used as a thermal insulation for all types of residential, commercial and industrial applications, as well as transitable roofs and interior floorings. Recommended for locations with underfloor heating systems.

In addition to its use in all types of insulation, its high resistance to compression makes it the preferred foam for the insulation of transitable roofs and interior floorings.

In conjunction with the TECNOCOAT P-2049 waterproof membrane, it enables the creation of completely secure roofs.



WATER AS AN EXPANSION AGENT FREE FROM CONTAMINATING GREENHOUSE EFFECT GAS EMISSIONS

The most ECO- friendly TECNOFOAM range use WATER as an expansion agent, which is free from gases toxic to the environment.

In addition, water-based TECNOFOAM provides completely stable and inert systems, without the emission of any toxic particles, either during the application process or for the length of its useful life.

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

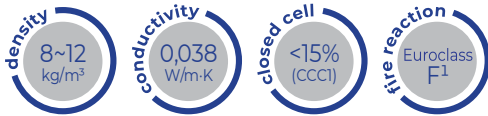


Environmental Information

Recycled material content (PET from recycled bottles)	18%
Renewable material content (Plant origin)	21%
Fluorinated Gas content (CFCs, HCFCs, HFCM HFOs)	0%
Content in other blowing gases (HC, Pentane, Butane, Cyclopentane,...)	0%
Mineral fibre content	0%
Solvent content	0%



Foam designed and developed for thermal and acoustic insulation of residential buildings, especially recommended for application on interior walls and floors. Provides maximum coverage on wood and laminated structures.



Medium density foam for the insulation of interior wall cavities, ventilated facades and livestock, agricultural and industrial installations. This foam enables considerable thickness with minimum consumption.



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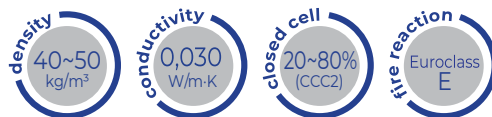
Foam designed and developed for use in thermal insulation on construction and industrial projects. It is recommended for application on interior wall cavities and ventilated facades as well as all types of livestock and farming installations.



THE WATER-BASED TECNOFOAM RANGE ALLOWS APPLICATION IN THICK COATS, MINIMIZING CONSUMPTION AND COSTS



Efficient insulation system with high resistance to compression which allows use on transitable roofs, interior flooring and locations with underfloor heating systems.



System specifically designed for thermal insulation of transitable roofs in buildings and industrial projects, particularly recommended for those requiring special fire-resistant properties.



Medium-high density foam, with high resistance to compression, especially recommended for the thermal insulation of transitable roofs and interior floorings. Also suitable for areas with vehicle traffic.



TECNOFOAM + LOW VISCOSITY POLYUREA

A DUO WHICH PROVIDE 100% SECURE AND EFFICIENT ROOFS

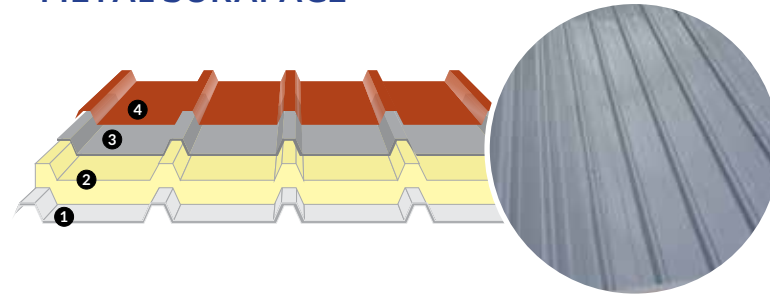
TECNOFOAM polyurethane foams together with low viscosity TECNOCOAT P-2049 LV polyurea allow the construction or renovation of roofs, offering excellent thermal insulation along with full surface waterproofing.

The low viscosity of TECNOCOAT P-2049 LV enables application with the same projection equipment used for the foam.

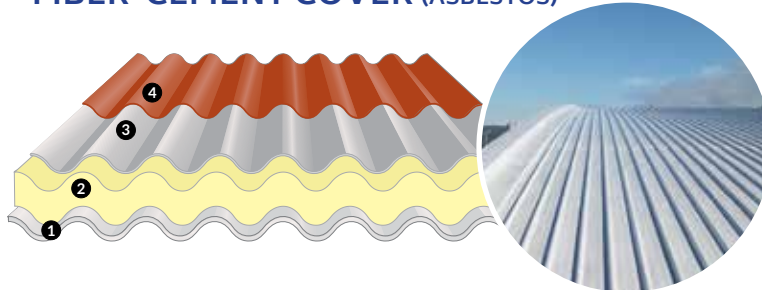
TRADITIONAL COVER



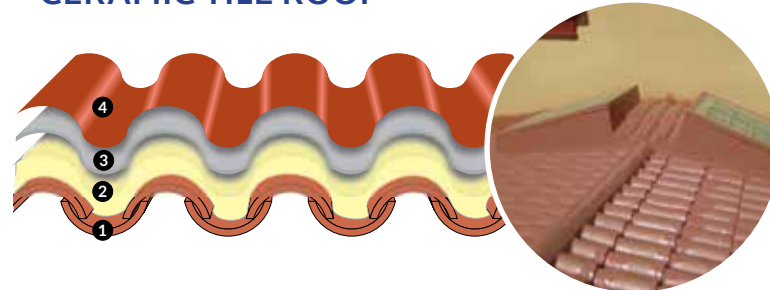
METAL SURFACE



FIBER-CEMENT COVER (ASBESTOS)



CERAMIC TILE ROOF



1 Substrate 2 Tecnofoam G-2040 / G-2050

3 Tecnocoat P-2049 LV 4 Tecnotop 2C

TECNOFOAM INJECTION

INSULATION WHICH REACHES INTO ALL THE CORNERS

The TECNOFOAM injection systems are specially formulated for applications which require a continual injected thermal insulation system. Suitable for both construction and industrial installations in general and available in two densities: 15 and 35 kg/m³.



WATER-BASED, 100% ECOLOGICAL

Injection system widely used in construction, principally for interior wall cavities. Ideal in renovation projects requiring thermal insulation capabilities which were either initially absent or need replacement.



MAXIMUM EXPANSION, CLOSED CELL

System specially designed as a thermal insulation for industry. Widely used as a filler for refrigerators, pipes and industrial parts of all types. In general, it is employed in all applications where a continual injection of insulating material is required.



Insulation





RECOGNITION, PEACE OF MIND & CONFIDENCE

SUCCESS AND THE SATISFACTION OF A JOB WELL DONE

For a professional there is nothing more gratifying than receiving recognition from their clients. At TECNOPOL we work constantly to supply products of the highest quality, fully tested and certified, together with the full support of our service team and technical experts. In short, we offer the peace of mind and confidence to enable you to fully focus on what is most important - namely your project.

We are fully committed to further innovation and to continue manufacturing state of the art products that will allow our clients to obtain successful results on every project they undertake in the future.







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