

## Smart prefabricated bathrooms

### Light Pod System

TETHYS Italy was founded in early 2018 by three Italian entrepreneurs in Bassano del Grappa, in the north of Italy, who have been successfully running their companies in the construction industry for more than 40 years.

Nowadays, TETHYS Italy benefits from the growing know-how and the synergies of these three companies in the fields of carpentry, metal construction, electrical, plumbing and mechanical systems.

TETHYS Italy is one of the most dynamic and innovative Italian companies specializing in the design and manufacturing of ultralight prefabricated steel bathroom modules.



The ultralight bathroom solutionscan be customized and then adapted to any type of "turnkey" project, yet keeping a high degree of flexibility.

Thanks to years of development and experience, Tethys Italy can offer exceptionally flexible and functional solutions that can be perfectly used both in new building projects and in modernization, renovation and restoration projects.

## Why choose Tethys?

#### **Flexibility**

Each prefabricated bathroom is made to measure, has a free form and can be customized according to the wishes of each customer and can be individually designed

#### Lightweight

High-quality prefabricated bathroom pod that is optimally integrated into its supporting structure. Has no influence on the statics of the building

#### Robustness

The structure is composed of steel profiles and self-supporting panels that guarantee remarkable stability, excellent acoustics and fire protection

#### **Elasticity**

The entire structure is insensitive to shock and vibration. The interior fittings (including joints, tiles, connections) can be transported without problems

#### Easy handling

Quick positioning and easy installation on the building site. Simply to use

#### Simply maintenance

The innovative steel construction system guarantees time and cost savings in case of possible maintenance work

#### Space gai

The plasterboard panels can be applied directly to the external wall of the prefabricated bathroom in order to obtain a more spacious room

#### High performance

The high quality sandwich panels guarantee high sound insulation performance and fire resistance

#### Time saving

No additional work on-site. Save time and money.

More than 10 work steps saved

#### Respect for the environment

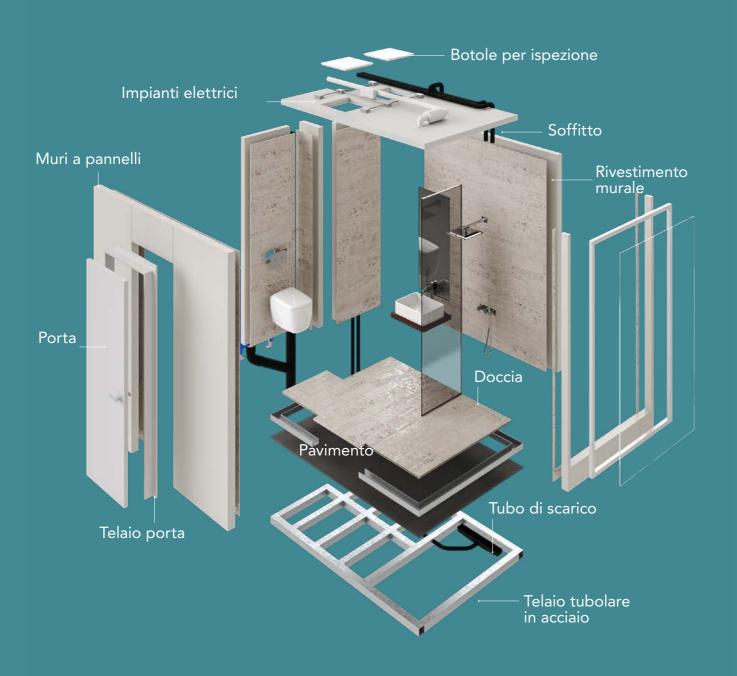
Our prefabricated bathrooms do not produce any waste on site. We prefer the use ecological and high quality materials, paying attention to low VOC values



## Light Pod System

Lightweight, robust, flexible, compact

Completely prefabricated and pre-assembled, ready to be installed in the building.



### Detail



- 1. Pannello
- 2. Profilo di sostegno
- B. Pannello in multistrato
- 4. Isolamento anti vibrazioni
- 5. Telaio strutturale in acciaio
- 6. Isolamento impermeabile



## Fields of application







HOTEL

CASE PER STUDENTI A

MICRO APPARTAMENTI







SPEDALL

RESIDE

CASE DI CU

Our construction system offers a unique combination of quality, innovation and flexibility, allowing to meet any site requirement.

TETHYS Italy offers a wide range of construction systems that best suit the context of use. Our prefabricated bathrooms are perfectly integrated into the building structure and guarantee simple and efficient logistics management. Thanks to the construction of the system, the interface between the bathroom and the building is clearly defined to ensure a simple and flawless solution.

TETHYS Italy prefabricated bathrooms meet the highest performance requirements in terms of durability, hygiene and robustness, guaranteeing minimum operating costs.

TETHYS Italy is a reliable partner and we offer our expertise to our customers and, thanks to the know-how of our team of engineers and architects, we support you in the various construction steps. We would be glad to work with you from the very beginning to develop a solution that takes into account all the technical, plant engineering and design requirements.

With the help of BIM building information modeling, we guarantee a significant increase in technical and economic safety; designerscan also integrate our model into the plant and architectural system of the building. We believe that the engagement of all internal and external participants is vital for the success of the project.

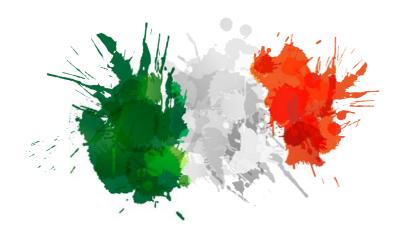
## Design

### "Made in Italy"

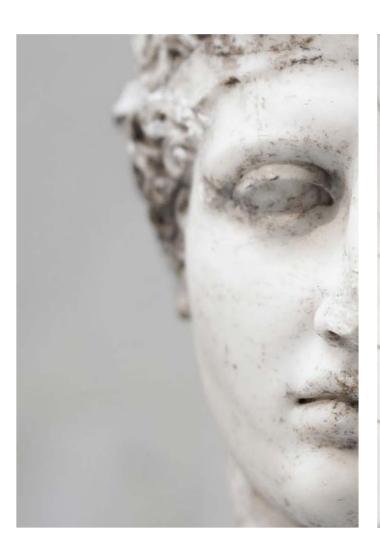
The bathroom has always been a place of intimacy and relaxation, the place of body care.

Our mission is to infuse our bathrooms with the essence that makes the Made in Italy workforce unique in the world. Elegance and sophistication both in the Luxury finishes and in the less exclusive finishes, though still accurately cared for; all with a common characteristic: top level quality.

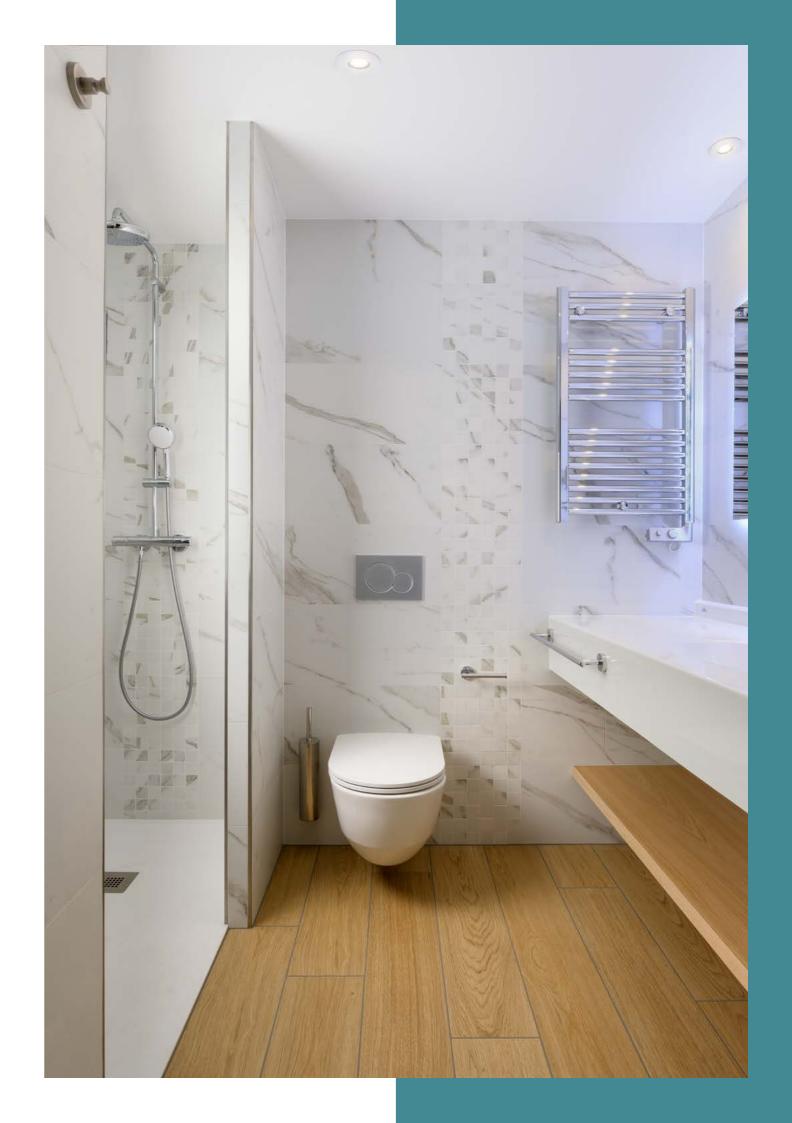
The passion in the choice of materials, assembly and final control, is a guarantee for a product that meets the highest standards of quality and certification. Offering state-of-the-art solutions in terms of performance and design to our customers is our daily challenge.



- Customization of the project with equipment and materials chosen by the customer
- Perfectly adaptable to both new buildings and renovations
- Highest quality standards for building materials and accessories







## High quality requirements

#### Material selection

TETHYS Italy is always looking for new and innovative materials, finishes and equipment that can give our bathrooms the same care and quality that Italians normally seek in furnishing their homes.

The wide range of products that we can offer guarantees the satisfaction of all customer needs. Prefabrication allows us to rationalize costs, but we never sacrifice the quality of our products.

- Wide range of materials and finishes
- Possibility of adapting the surfaces to the areas already prepared
- Maximum freedom in terms of technology and installation inside the building



"Details make perfection, and perfection is not a detail."

Leonardo da Vinci

For TETHYS Italy the love for detail is at the highest level.

Because details make the difference between a good product and excellence.

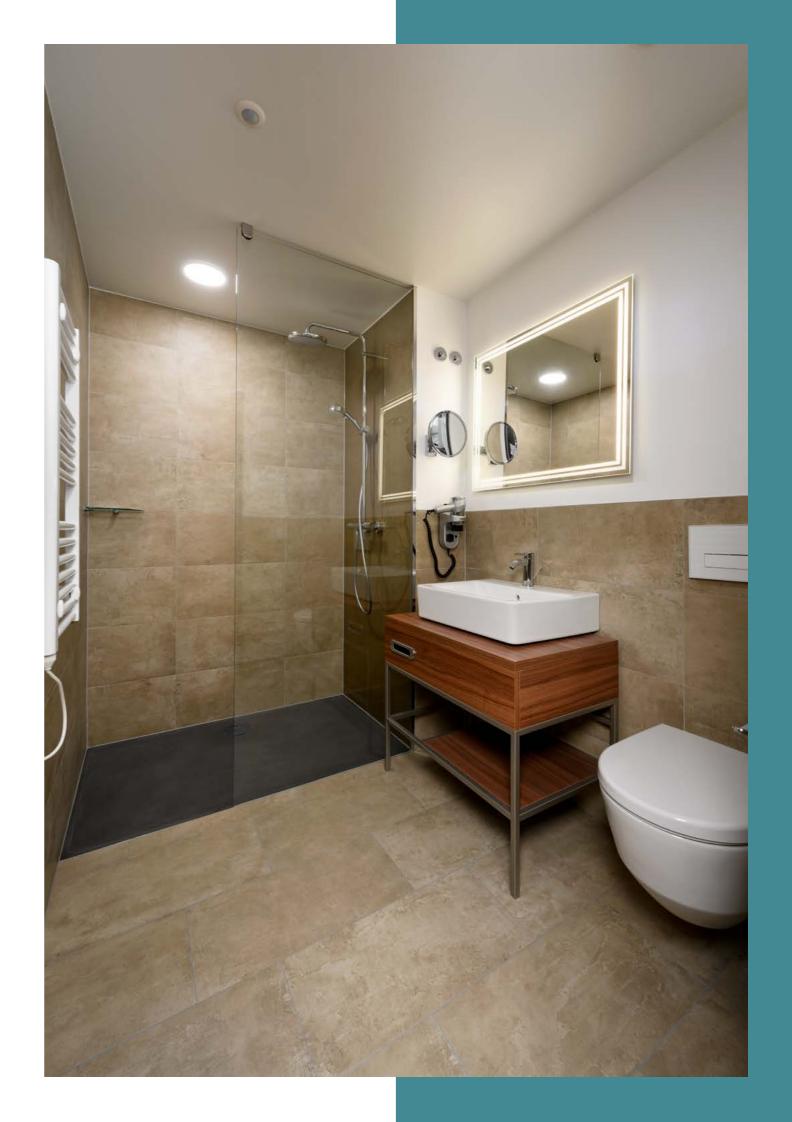
The care and attention paid to the connections between the various elements guarantee not only an unmistakable aesthetic result, but also the perfect usability of the product by the user.

- Easy to use and resistant surfaces for easy cleaning
- Accurate and neat results
- Perfect use and maintenance









## Design assistance

### Maximum flexibility, for all needs

Right from the designing phase, all the project requirements will be taken into account and integrated into the production process.

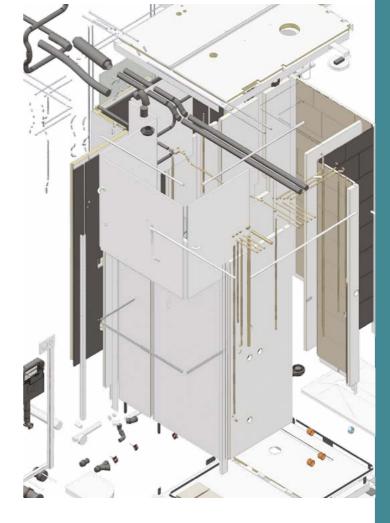
All the project requirements such as architecture, design, logistics and technical feasibility are taken into account.

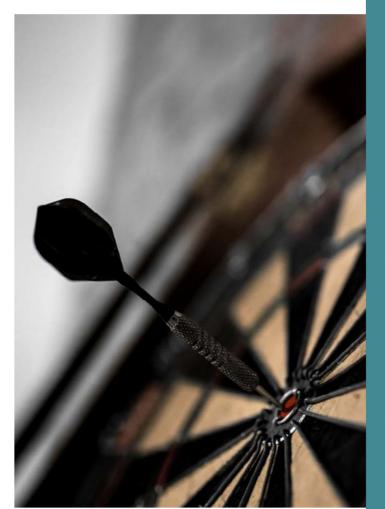
We have highly specialized personnel with a solid multi-year experience. With our technical expertise and specific design experience we achieve perfect results and aim to professionally support architects, investors, general contractors and private clients.

- Maximum flexibility with regard to project location requirements
- Reduction in customer's coordination work
- A single point of contact during the entire project phase









### **BIM**

## Integrated architecture and MEP design

Our coordination approach takes into account all disciplines of construction.

In the age of technological progress, a multitude of new questions and challenges arise, which must be taken into consideration.

We pay particular attention to the interface with external architects and construction engineers.

Our advantage is that with the help of BIM information modeling we guarantee a higher level of safety in boththe technical and economic fields. The engagement of all internal and external participants is therefore vital for the success of the project.

- Coordination of all processes right from the design phase
- Guarantee of an integrated and uniform result
- Time saving
- Customers are in control of the project by means of rendered 3D visualizations
- Provision of the model in an open and interoperable format (.ifc)

## Project Management

### To achieve your goals

Our project management system ensures a smooth project flow from design to installation. Each project is entrusted to one of our project managers who, as the central interface, coordinates all the internal processes and information of all the partners involved. A perfect organization is the key to implement a project, to reach high quality and to meet our deadlines. All our processes guarantee precise and efficient solutions with the advantage that resources and interfaces are significantly reduced to a minimum.

## Mock-up

## Production of sample bathrooms and prototypes

Right from the initial phase of the development of our prefabricated bathrooms, it is possible to build a 1:1 scale sample bathroom, so that customers can accurately inspect and check it.

In this way our customers can inspect their bathroom personally and evaluate the quality and the final aesthetic result. The sample bathroom will be produced in our manufacturing plant and will have all the characteristics of the final product, including perfectly functioning plant systems.

Our sample bathroom also helps installers carry out the work on site without mistakes. This bathroom will be presented to the customer in our showRoom. In this way, it will also be possible to make any corrections to optimize the manufacturing cycle of the product.







## **Know how**Qualified manpower

Our company employs qualified and specialized Italian professionals, who will realize every single bathroom, from the structure to the furniture. A mechanical prefabrication also guarantees a high standard of precision. Our team will also take care of the subsequent transport of the product from our manufacturing plant to the building site, positioning each cell in the building structure with the highest precision.

- Guarantee of maximum product quality
- Possibility to directly evaluate the final design of the materials, equipment and finishes chosen
- Possibility to make adjustments, if necessary, after inspection, before actual production starts



# Transport, assembly and installation

As soon as the production is completed, TETHYS Italy will also take care of the transport of the prefabricated cells to the construction site and will support the customer in the installation phases.

We will provide all the necessary support for the correct assembly and subsequent professional installation of the cells.

- Transport of the prefabricated cells from our production site to the construction site
- Cell assembly on site with qualified personnel
- Positioning, adjustment and installation of each individual unit with all the necessary testing











#### Tethys Italy Srl

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