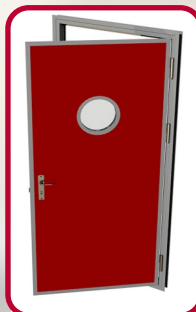




### We comply with the most demanding regulations

Quality and customer satisfaction have been a constant effort repeated throughout all projects, covering such various activities as equipment integration, **design and engineering, structural calculations, onboard installation, furniture manufacture, prefabricated modular toilets, bulkheads, doors, inspection hatches.**



Gabadi S.L. is a **full-service turnkey contractor with over 30 years of experience** equipping, decorating and furnishing all types of Civil Ships, from sturdy merchant ships to Ferries and cruise ships.

GABADI has had the opportunity to **work with important companies and shipyards, participating in aspects as varied as product development, equipment integration, on-board assembly and engineering.** being able to undertake demanding new construction and rehabilitation projects anywhere in the world. In their workshops, GABADI and ISONELL can **prefabricate almost all parts and modules of the ship's interior, including panels, doors, ceilings, lighting and furniture.**

**Gabadi S.L.**  
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[www.gabadi.com](http://www.gabadi.com)



ISONELL has offered naval qualification services **since 1979.** Currently, we work with **national and international companies from our offices and production plants.**

The large number of projects carried out that guarantee the trajectory of our firm, which has **specialized in other construction services and placement of elements** such as standard, acoustic, wet and honeycomb panels; ceilings; windows; watertight doors; hatches; floating floors bathroom modules and modular toilets.

**Isonell España**  
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F. +34 94 5399090  
[www.isonell.net](http://www.isonell.net)



### Civil Vessels



## Gabadi - ISONELL ACUSTIC & LIGHTWEIGHT



**B25 Double Panel**  
Fire classification B-15  
Thickness 70 mm  
Acoustic attenuation 45db



**B50 Standard Panel**  
Fire classification B-15  
Thickness 50 mm  
Weight 17,5 kg



**A44 Panel**  
Fire classification B-15  
Thickness 50 mm  
Acoustic attenuation 44db



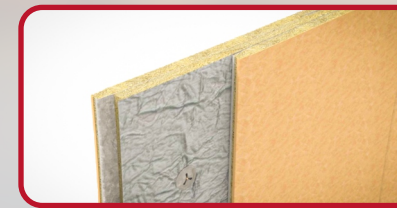
**Honeycomb Panel**  
Fire classification B-15  
Thickness 50 mm  
Weight 6,11 - 6,3 kg/m2



**A 50 Panel**  
Fire classification A-15  
Thickness 50 mm  
Acoustic attenuation 48db



**New Low Weight Panel**  
Fire classification A-15  
Thickness 50 mm  
Weight 12,4kg/m2



**A70 Panel**  
Fire classification A-30  
Thickness 70 mm  
Acoustic attenuation 58db



**Wet Units**  
Base in GRP  
Bulkheads Ceilings  
Honeycomb Door



**Furniture**  
Aluminum Furniture  
Honeycomb Aluminum  
+ HPL



## Technical Department

Gabadi ´s technical department has the most appropriate technical and human resources for the development of the most varied projects.

In Engineering we have **3D Design Systems Foram, NX, 3dMax**), and with a team of **more than 20 years in the Naval Sector**. We also have within the department the **development of Decorative Projects with RENDERS with photorealistic images**, as well as a virtual tour through 360 images.

In Accommodation Engineering, **we cover all areas: Insulation, HVAC Electricity, Passive Fire Protection, Noise Studies, Panels, General Provisions, etc.** our experience is the development of project including the integration of different services in the accommodation.

Integrated into the Team we have an R&D Department that has developed equipment according to the Client's needs or conceptual projects for the improvement of the products we sell.

**Production and Engineering are perfectly integrated** and the close collaboration between technicians and operators allows us to obtain important results.

**FORAN** **AN**

**3** AUTODESK  
3DS MAX®



**A** AUTOCAD

PLM Software  
**SIEMENS**  
NX



Projects in Civil Ships are subject to the most demanding regulations in relation to Acoustics, **Aspects such as Ergonomics, Design, Durability, Reliability, are fundamental in Cruises**. Gabadi has developed products and projects under these demands, manufacturing and assembling on board.

### SERVICES:

#### Engineering and Design

- Decorative Projects
- Development Detail Engineering
- Fire calculations
- Crash tests and calculates
- Life Cycle
- NX Sheet and Modeling
- NX Nastran Simulation

#### Accommodation Turn-key

- Manufacture and supply of material and Assembly
- LNG repair tanks and new constructions
- Repair of membranes in LNG cargo tanks type NO and MARK

Technical testing required for gas transport: Macrographic examinations, liquid penetrant, global test



**Soundproofing**



**Fireproof Products**



**Lightweight Products**



**ECM**