



# MODULAR ROOF TILE SYSTEM FOR THE CONSTRUCTION OF FLAT TRAFFICABLE ROOFS

## TECHNOLOGY OFFER

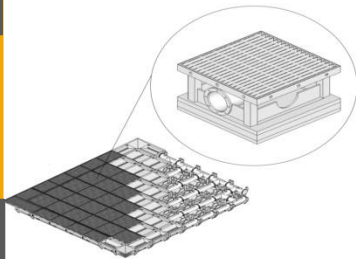


### INNOVATIVE ASPECTS

- ✓ The system is made by roof units formed by small industrialized light-weight pre-fabricated components, easy to handle and assemble by just one person. No need of skilled labour.
- ✓ It allows to build a completely flat roof (0,00% slope).
- ✓ It allows to increase or decrease the roof surface over the life of the building.
- ✓ It can be wholly manufactured in several materials such as metal, plastic or composites, using industrial production methods.
- ✓ It allows to maintain watertightness and global isolation.
- ✓ These roof units present great adaptability to different roof geometries.
- ✓ The roof built with the units of the invention is trafficable and allows easy maintenance.

### ABSTRACT

The invention relates to the building of trafficable roofs with the property of being fully industrialized, formed by an "n" number of equal units capable of being assembled and disassembled and adapted in a modular way to different roof typologies and shapes, with a high degree of systematization and totally pre-fabricated. The double-skin roof built with these units confers thermal advantages to the building.



### COMPETITIVE ADVANTAGES

- ✓ **Market:** intended to be used in all types of buildings.
- ✓ **Roof completely industrialised.**
- ✓ **Double-skin roof.**
- ✓ Components **interchangeable and easy to handle**, allowing **great speed and ease of assembly**, thus less cost.
- ✓ **Completely flat roof.**

### PATENTS

ES patent applied.  
In time to seek international patent protection.

### TYPE OF COLLABORATION

Licence agreement.