



**PRECAST CONCRETE BROCHURE**

TIMBER PRODUCTS  
[www.stgwood.com](http://www.stgwood.com)



## The Company

**Spanish Timber Group** is a company based in Spain. Our location, right in the heart of the pine and eucalyptus forests in Spain and Portugal, allows us to offer competitive prices for the right selection of material.

**Spanish Timber Group** supplies pulp, timber and wood manufactures to the international market. Our **MISSION** is to cross over the gap from forest to industry. We are leaders forwarding eucalyptus, radiata pine and pinaster pine as well as added value products such as plywood, fruit boxes, etc.

The company arose from a market need for the production of special trays for the prefabricated concrete industries ( wood boards for production presses for blocks, arches, cobblestones, kerbs and all types of special concrete pieces).

The company have evolved and grown constantly in the production of trays, on both national and international markets.

The production is entirely automated and robotised, enabling us to reach a high level of production with reduced manufacturing costs. The result is a high-quality product at the most competitive price.

**Spanish Timber Group** collaborates with a wide range of sawmills and wood transformation industries in Spain being able to arrange forwarding to any place of the world. Our main **VALUES** are two:

**For the customer:** To understand specs, terms and conditions, required quality and forwarding arrangements in order to offer guaranties on shipping.

**For the suppliers:** To identify the products and processes they are competitive to produce, in order to expand their natural market.

# WOODEN TRAYS

## SPECIFICATIONS



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### THICKNESS

Dried sizes - 30,35,40,45,50,65 mm

### WIDTH

Dried sizes - 500 to 1400 mm

### LENGTH

Dried sizes - 800 to 1400 mm

### DRYING

Generally 18% moisture content (+ or - 2%).

### MACHINING

Calibrated and brushed.

### PACKAGING

Packs are Set Length/width.

Packs sizes depends on the trays sizes.



## WOODEN TRAYS SPECIFICATIONS

The two external strips of the tray are always made of minimum width 15cm.

The wood strips are always one piece (NO FINGER JOINT). This is extremely important in terms of homogenous reaction to vibration and tension of the wood and therefore, homogenous "deformation" of all the components of the tray.

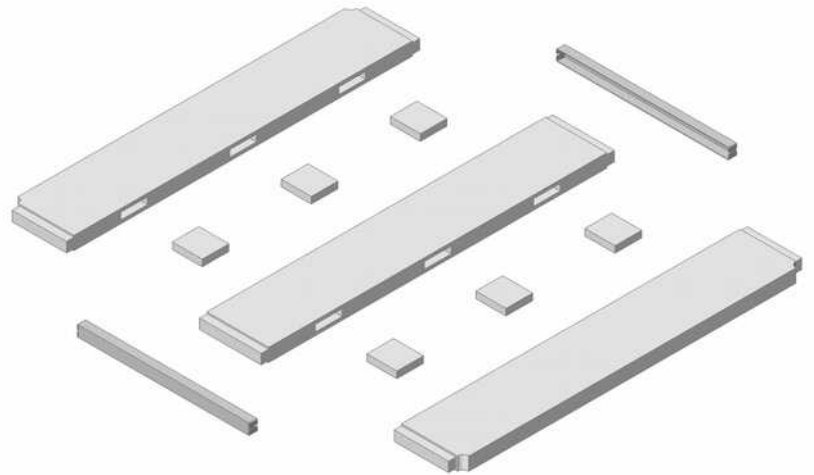
The components are not only edge-glued but also use an insert of a piece of wood to joint the components. This creates an "internal structure" in the tray that makes the vibration to be "spread" on the tray homogenously to avoid deformation and therefore avoid cracks in the concrete.

Glue used is POLYURETANE.

The tray is treated with XYLACEL as any other but the treatment is made by IMMERSION, more costly but guarantees much better penetration and absorption of the treatment in the wood.

METAL RAIL is GALVANISED "SENDZIMIR S275".

METAL RAIL is "folded" in "C" shape. This process prevents the rail to slide with the use and become an obstacle if it outstands off the width of the tray.



# WOODEN TRAYS

## SPECIFICATIONS

- 1- SELECTED, CALIBRATED, BRUSHED AND TREATED BOARDS
- 2- ENCLOSURE AT THE ENDS BY TRIPLE FOLDING OF THE METAL PROFILE
- 3- DOUBLE OR TRIPLE ASSEMBLY SYSTEM BETWEEN BOARDS
- 4- WIDE BOARDS AT THE ENDS
- 5- HIGHT LOAD CAPACITY
- 6- LONG-DURATION TRAYS
- 7- INTERNAL TREATMENT BY IMMERSION
- 8- COMPLETELY FLAT SURFACE
- 9- BOARDS ON THE MARKET FOR OVER 25 YEARS
- 10- HOMOGENEOUS VIBRATION ON THE ENTIRE SURFACE OF THE BOARDS.
- 11- SPECIAL BOARDS WITH IRON OR WOODEN LEGS



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## SPECIFICATIONS

### WOOD

TRAYS MANUFACTURED WITH “MARITIME PINE” WOOD ( PINASTER PINE SSP ATLANTICA) DRIED TO THE OPTIMUM CONTENT OF MOISTURE IT IS A HARD YET PLIABLE WOOD, WICH MAKES IT IDEAL FOR MANUFACTURING THE BOARDS, WITH THE EXTREME CONDITIONS IN WICH THEY ARE UDES ( HUMIDITY, CONDENSATION, VIBRATION).



### ASSEMBLY

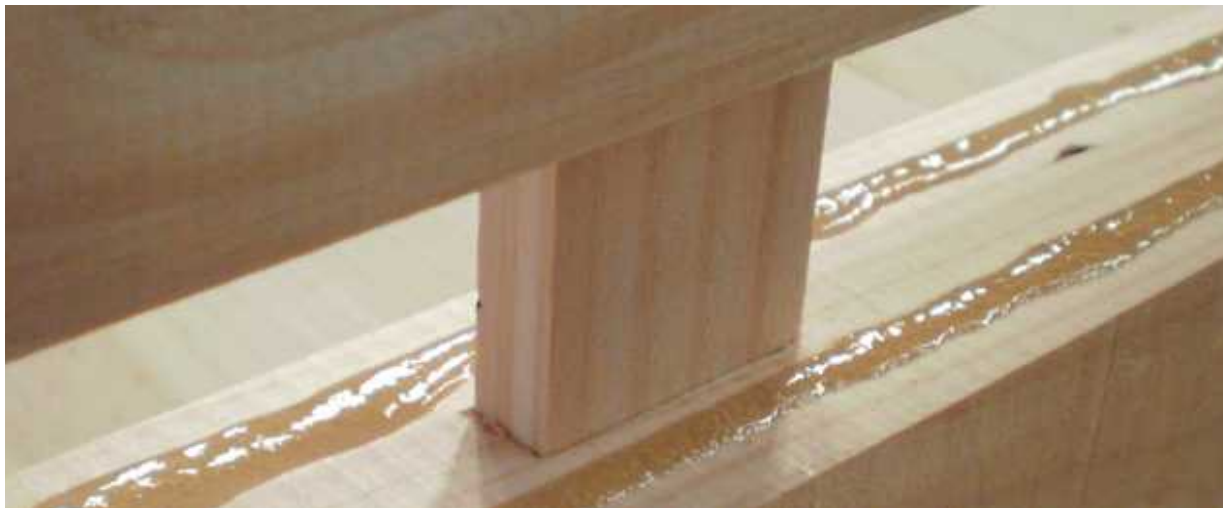
#### DUAL SYSTEM OF ASSEMBLY BETWEEN THE BOARDS:

HIGH-RESISTANCE, COMPACT JOINTS ACHIEVED BY EMBEDDING BEAMS (BISCUITS) BETWEEN THE BOARDS, ELIMINATING THE SURFACE WEAKNESS AND SUBSEQUENT PREMATURE SPLINTERING OF THE ASSEMBLY JOINTS.

THE BISCUITS ACT AS AN INTERNAL SKELETON FOR THE TRAYS, ENABLING THE VIBRATION TO BE SPEAD EVENLY OVER THE ENTIRE SURFACE AND ENSURING THAT THE BOARDS NEVER SUPPORT THE VIBRATION OF THE PRESS INDIVIDUALLY, WHICH WOULD CAUSE THE JOINTS BETWEEN THE BOARDS TO WEAKEN OVER TIME.

AUTOMATIC PRESSING AND GLUING WITH POLYMERISED RESIN USING A HO-PLATE PRESS.

THE ADHESIVE IS APPLIED AVENLY ALONG THE LATHS TO ACHIEVE AN OPTIMUM JOINT, WHICH IS NOT THE CASE WITH OTHER GLUING SYSTEMS.



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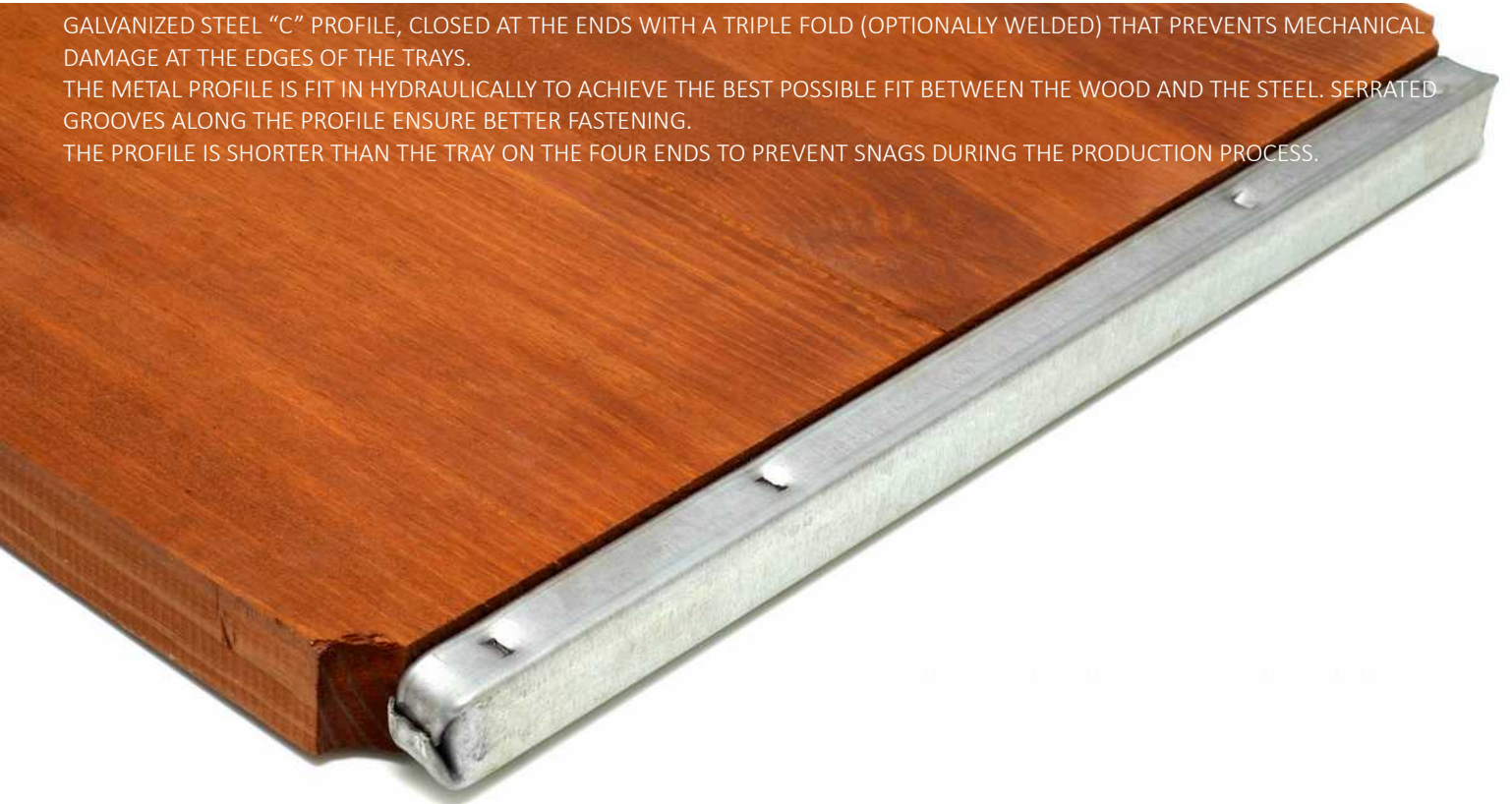
## SPECIFICATIONS

### GALVANIZED METAL PROFILES

GALVANIZED STEEL "C" PROFILE, CLOSED AT THE ENDS WITH A TRIPLE FOLD (OPTIONALLY WELDED) THAT PREVENTS MECHANICAL DAMAGE AT THE EDGES OF THE TRAYS.

THE METAL PROFILE IS FIT IN HYDRAULICALLY TO ACHIEVE THE BEST POSSIBLE FIT BETWEEN THE WOOD AND THE STEEL. SERRATED GROOVES ALONG THE PROFILE ENSURE BETTER FASTENING.

THE PROFILE IS SHORTER THAN THE TRAY ON THE FOUR ENDS TO PREVENT SNAGS DURING THE PRODUCTION PROCESS.



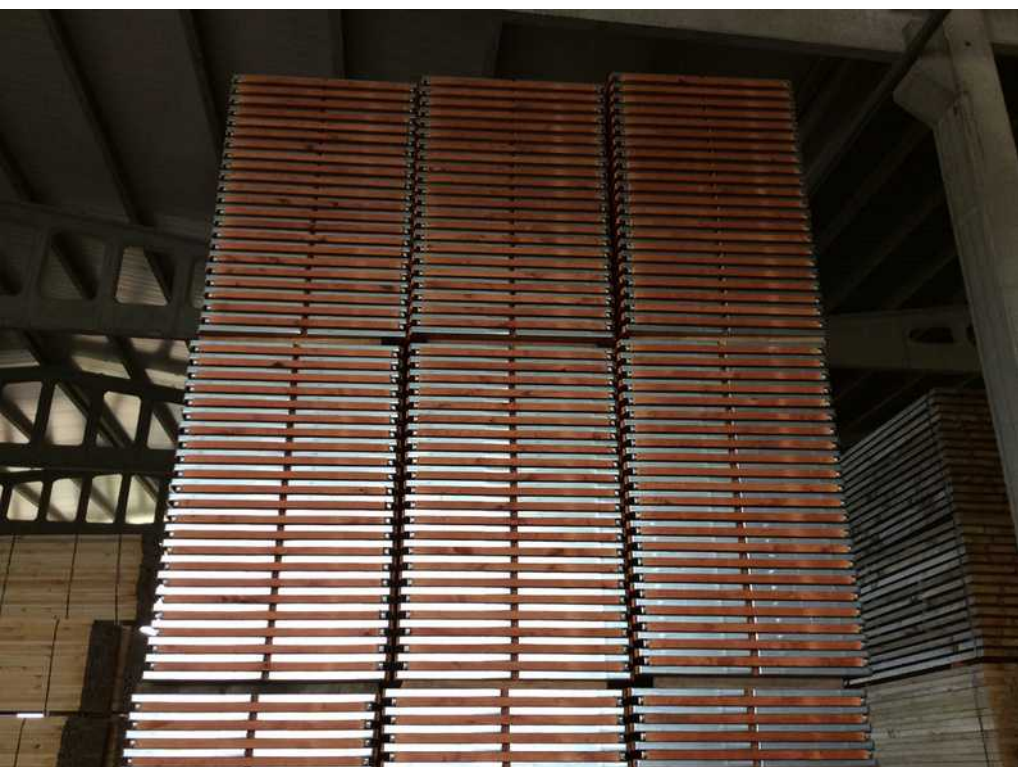
### FINISHING

CALIBRATED AND SANDED ON BOTH FACES OF THE TRAY, OBTAINING AN EVEN SURFACE THAT ENSURES CONSISTENCY IN THE CONCRETE PRODUCTS.





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## SPECIFICATIONS



A horizontal band with a light brown wood grain texture, serving as a background for the company logo and contact information.

**Stgwood**  
FOREST VALUES

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