

**Rondino®**

**SAFETY** | **BARRIERS**



**Gaillard-Rondino®**  
THE WOOD SOLUTION



# THE PASSION OF WOOD

## Rondino some figures

- 115** people
- 18** millions € Turnover
- 3** factories (90 acres /36 ha)
- 1** head-office near Lyon (FRANCE)
- 1** office in Spain (Barcelona)
- 1** R&D department
- 3000 km** wood/steel guardrails in the world

## GBI some figures

- 310** people
- 60** millions € Turnover
- 12** factories

### 1877

Creation of the company GAILLARD at Béziers in south of France, manufacturing wooden stakes for the French vineyards.

### 1920

With the development of electricity and telecommunications, GAILLARD has become a major supplier for wooden poles, but also slippers for the railway network.

### 1978

The brand RONDINO is created; a wide range of products is developed for outdoor furniture and playground equipments.

### 1984

**Creation and manufacturing of the first wood/steel Guardrail in Europe.** Certification by the French Ministry. In the 90's first sales in Europe (Spain, Belgium..)

### 1997

GAILLARD-RONDINO joined the GBI family group, a major actor in the wood industry in France.

### 2000

Creation of a new range of guardrails : the G4M and G2M models, N2 level according to the EN 1317.

### 2004

Creation of the GH2, a mixed wood/steel guardrail H2 level.

### 2009

CE agreement by ASCQUER for the whole range of guardrails.

### 2011

Creation of a new range of guardrails : The G2M+ and G4M+ models, N2 level according to the EN 1317.

## EXPERIMENT

Since 1877, Wood is at the heart of our activity. Our experiment and know-how give us the chance to develop a wide range of products of high quality level. The satisfaction of our clients is our best reward and motivation for future development.



## A SUSTAINABLE MANAGEMENT

People working in the forest area are Mother Nature lovers. Collecting and maintaining wood improve the vitality of the forest. Trees absorb CO<sup>2</sup> from the atmosphere through photosynthesis fixing it as carbon and releasing the remaining oxygen back into the atmosphere. Consuming wood helps limiting greenhouse effects.



## THE WOOD MATERIAL

Owner and manager of the forest, we have a wide and complete control on the supply chain of wood in order to warranty :

- ▶ Origin from European forest
- ▶ Quality, following strict requirements
- ▶ Availability, volume of our stocks
- ▶ Long life, use of Pinus

**Class 4 certified CTB B+ and P+ by the FCBA**





## THE LARGEST EXPERIMENT

- ▶ 1st manufacturer in the world to create the concept of wood/steel guardrail.
- ▶ 1st guardrail installed in 1984 in the French Alps.
- ▶ More than 3000 km installed.
- ▶ A worldwide experiment : France, Spain, Portugal, Italy, Belgium, Luxemburg, Switzerland, Ireland, Germany, The Netherlands, Slovenia, Israel, New Zealand, Chile...

## WHEN AESTHETIC MEETS PERFORMANCE

- ▶ Since 1984, our models have constantly been improved to get the best performance and easy installation.
- ▶ Wood and steel mixed together to reach high performance level : Our GH2 guardrail , H2 level reach W4 performance according to the EN 1317.
- ▶ Wood / steel guardrails improve the environmental aspect of the roads.
- ▶ All our models have patents.

## FAST AND EASY INSTALLATION

- ▶ Our guardrails are delivered pre-assembled, junction included.
- ▶ Our new generation of guardrail gives flexibility for installation.



## CE AGREEMENT EN 1317



Our guardrails are crash-tested at LIER laboratory according to the EN 1317, certified CE by ASCQUER.

### N2 level

- ▶ G4M (4 m) G2M (2 m)
- ▶ G4M+ (4 m) G2M+ (2m)

### H2 level

- ▶ GH2 (2 m)

## A WIDE RANGE OF PRODUCTS

In addition to road restraint systems, RONDINO manufactures complementary products such as parapets, handrails, fences, noise barriers...



## QUALITY DURABILITY

- ▶ Pinus class 4 according to the EN 335.
- ▶ CTB B+ and P+ certifications regarding durability.
- ▶ PEFC certification.



- ▶ High performance steel S355JR and S235JR according to the EN 10025.
- ▶ Protection against corrosion by hot deep galvanization according to the EN ISO 1461.



France, Ireland



Belgium, Luxemburg, Switzerland, Netherlands, Germany



Spain, Portugal



Italy, Slovenia



New Zealand



Guadeloupe



Israel



Chile



# Rondino®



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