

*Green wood solutions ...*



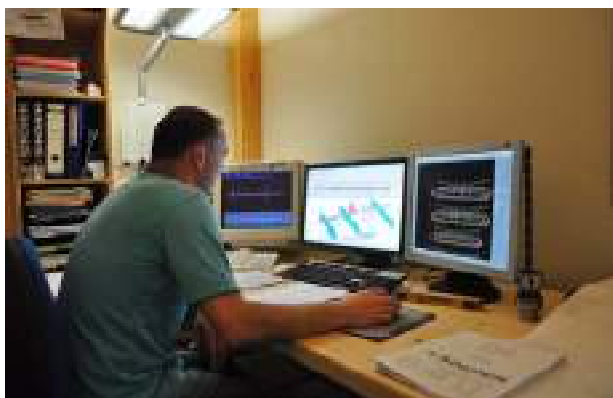
*... technology, precision and passion*

# Company Profile

## **SIMONIN, like a Watchmaker in the Universe of Wood Construction**

SIMONIN specialized for over half a century in the design and manufacture of glulam structures and wooden components for construction.

An experienced team of 110 people at your side for a full service design and build.



In-house engineering : calculation 3D, design with Rhino, BIM



Manufacture : unique CNC machine with 3 robots for beams until 40m length and 5m wide, lathe for  $\varnothing 1,20\text{m}$  pieces



Logistics : road/sea/air  
Transport of 40m long bridge



Installation : glulam specialists and supervisor all over the world



## High tech production tools



20 000m<sup>2</sup> of atmosphere controlled workshop (humidity, temperature, dust)



High speed CNC machine for straight beam



New generation CNC machine for free form project element



Sapisol® sandwich panel cutting machine



Full cutting and drilling machine for wooden components





## Standard timber species - Glulam structures



Glulam Spruce  
GL24, GL28, GL32



Curved spruce with small lamellas

Cylindric spruce beam till 1,20m diameter



## Special timber species - Glulam structures



French oak



Pressure  
treated pine



Pressure treated pine  
colour equalizer protection



Iroko  
(African teck)



Ash



Western Red Cedar



Larch  
without sapwood



Yellow pine



American red oak

## Engineering products



Résix®  
invisible connection



Résix®  
Timber-concrete  
composite



Sapisol®  
roof insulation



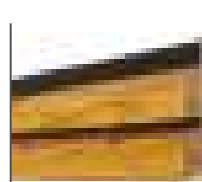
Sapiliège®  
roof insulation



Dalfeu®  
fire resistant timber slab



Sapisin®  
floors and partitions



Openlam®  
cladding



Funlam®  
cladding



## Special wood products

Straight beams - complex cross-section



Double curvature arches



Fusiform post



Curved beams - complex cross-section





## French Pavilion - Expo Milano 2015

Designed by X-TU agency in Paris, the French Pavilion measures 35m x 55m x 12m, it is entirely made of locally sourced laminated timber.



Glulam beams with Résix® connections





Over 2000 curved and straight pieces with a total volume of 1500 m3 of glued laminated timber, assembled in a very short time.

## Cosy places



Dominican Republic (Caribbean Islands)  
Private house



Dominican Republic (Caribbean Islands)  
Private house  
Glulam beams with Résix® connections



## Decorative wooden structures



Paris (France)  
Cultural center



Liverpool (United Kingdom)  
Children's hospital  
Glulam beams - Red Cedar



Law school of Paris bar Architect: Jean-Michel WILMOTTE Photographer: Nicolas FUSSLER

Issy-Les-Moulineaux (France)  
Law school of Paris bar  
Wooden interior design



Law school of Paris bar Architect: Jean-Michel WILMOTTE Photographer: Nicolas FUSSLER

## Plunging lines

SIMONIN's glulam timber structures and wood components are ideal for environmentally friendly constructions.



Funchal (Madeira Island)  
Savoy Hotel



Rota (Spain)  
Thalasso Resort Elba Costa Ballena



Photo credit : SSQ Groupe financier

Quebec (Canada)  
Swimming pool





Biscarosse (France)  
Resort & spa  
"Domaine de la Rive"



Private House (France)  
Swimming pool - jacuzzi



Green roof on glulam structure  
Wooden space frame with ETFE roofing  
in Aquatic Parc

Neydens (France)  
Vitam'Parc  
Aquatic and sports center



## Hotel, Resort, Spa

SIMONIN know-how is noticeable in its high-quality atypical achievements.



Maspalomas (Gran Canaria)  
BAOBAB hotel



Maspalomas (Gran Canaria)  
BAOBAB hotel  
Glulam beams with Résix® connections



Maspalomas (Gran Canaria)  
BAOBAB hotel  
African style restaurant - Cylindrical beams





Maspalomas (Gran Canaria)  
BAOBAB hotel  
African style restaurant - inside



Doha - Banana Island (Qatar)  
Wellness center  
Glulam beams with Résix® connections 48 m long  
Sapisol sandwich panel





## Restaurants

There is a fine line between dreams and reality : SIMONIN builds with you, your wood project.



Djerba Island (Tunisia)  
Restaurant  
Oak and iroko glulam structure



La Goulette (Tunisia)  
Military complex



Moulins (France)  
First eco friendly Flunch restaurant  
Openlam® - Larch



Beauval zoo (France)  
Multipurpose room



Dar Zaghuan (Tunisie)  
Multipurpose room





Les fins (France)  
Restaurant



Faro (Portugal)  
Forum Algarve shopping center



Alba (Italy)  
Winery tasting area  
Oak glulam structure



Torino (Italy)  
Restaurant  
Sapisol® roofing with custom staining



## Dreams come true

Designer : Alexis TRICOIRE



Paris, Grand Palais (France)  
Short-lived installation, COP 21



Les Arcs (France)  
Supermarket  
Cylindrical larch beams



Antibes cap (France)  
Pergola  
Glulam fusiform poles with Résix® connections - Red Cedar





Ampuero (Spain)  
Kiosk  
Sapisol® and oak glulam structure



Monaco  
Place of worship  
Oak glulam structure



Tunisia  
Zen house



Corisco island (Equatorial Guinea)  
Lodges on the seaside, erection five houses in a month

## Places of worship



Maspalomas (Gran Canaria)  
Church dove shape  
Sapisol® roofing



Quebec (Canada)  
Church  
Curved spruce glulam trusses





Angers (France)  
Chapel  
Sapisol® with visible face in larch



Saint-Pierre (Reunion island)  
Church  
Sapisol® with visible face in spruce



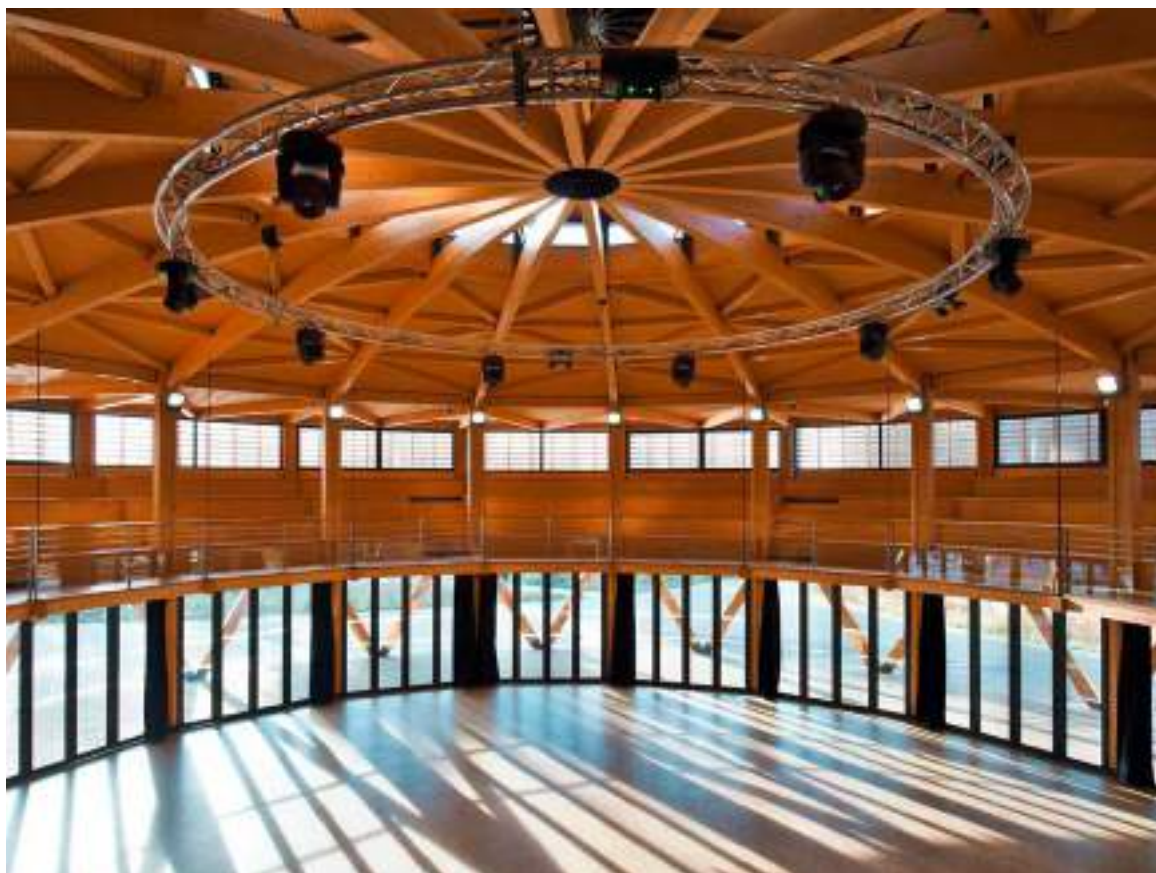
Corisco island (Equatorial guinea)  
Church  
Funlam® and Sapisol® with acoustically performing face



## Conference halls



Villesse (Italy)  
IKEA shopping center



Biscarosse (France)  
Arena  
Glulam structure with Résix® connections, 26m span





Micropolis Besançon (France)  
Convention Center  
80m in diameter, 2m high beams

## Airport terminal

With a professional team and a wide product range, we can realize the simplest or the most spectacular projects.



Annobon island (Equatorial Guinea)  
Airport Terminal  
Glulam structure with Résix® connections  
Sapisol® roofing with special acoustic profile







Corisco island (Equatorial Guinea)  
 Airport Terminal  
 Glulam structure and Sapisol®  
 Iroko glulam round posts with Résix® connections

## Passengers terminals



Photo credit : Mansfield News

Mansfield (USA)  
Airport Terminal



Aix-en-Provence (France)  
High-speed train railway station  
Iroko glulam round posts





Malaga (Spain)  
Shopping mall - Hipercor - El Corte Ingles



Saint-Denis (Reunion Island)  
Airport Terminal  
Structure with 66m span



La Chaux-de-Fonds (Switzerland)  
Airfield

## Sports halls



Le Locle (Switzerland)  
Glulam structure



Orsay (France)  
Glulam structure with Résix® connections





Saint-Paul (Reunion Island)  
Glulam structure with Résix® connections



Saint-Benoît (Reunion Island)  
Glulam structure and round poles with Résix® connections





Longueil-Sainte-Marie (France)  
Glulam structure with Résix® connections



# Unlimited passion

The passion of our clients led us to exceptional realizations.



Cabourg (France)  
Overhanging roof at a racecourse



Genolier (Switzerland)  
Riding stable  
Glulam structure and Sapisol® panels



Genolier (Switzerland)  
Arena  
Glulam structure with Résix® connections



Savigny-lès-Beaune (France)  
Wine cellar Château LATOUR



Granges-Narboz (France)  
Cheese maturing facility  
Sapisol® roofing



Astigarraga (Spain)  
Cidery



Bordeaux (France)  
Wine cellar Château SMITH HAUT LAFITTE  
Sapisol® roofing

More references : Château Smith Haut Lafitte, Gevrey Chambertin, Château Mouton Rothschild, Puligny Montrachet, Château Brane Cantenac, Château Angelus, Bouzereau, Meursault.



## Rise up



Bordeaux (France)  
Observatory 15m high  
With Résix® connections



Craonne (France)  
Observatory 26m high  
With Résix® connections



Equatorial Guinea  
Golden tree



Valmondois (France)  
Antenna structure  
Glulam structure with Résix® connections  
25m high

## Bridging the gap



Bouverans (France)  
Pedestrian bridge (high voltage cable crossing)  
Larch structure with Résix® connections



over rivers



Length 300m



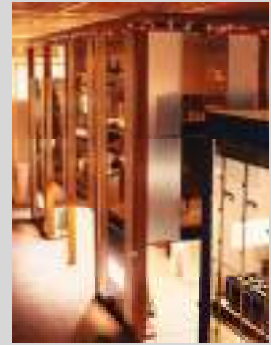
Highway bridge (designed for road traffic)  
Douglas fir structure with Résix® connections



## Trendy high-tech spaces



Paris (France)  
"La Défense" district  
Geode



Pequignet stand on World Jewellery Show in Basel



Naples (Italy)  
"Time Tower"  
Larch structure 35m high



Japanese organ  
Assembled in factory  
12m high



Sheffield (United Kingdom)  
ARUP  
Saint Paul's stair, made of oak glulam



Helmsley (United Kingdom)  
Rievaulx Abbey  
Spruce glulam beams with Résix® connections





## Town hall



Saint-Barthélemy (Caribbean Islands)  
Town hall

## Home, sweet home

Our know-how in wood construction enables us to realize all kinds of houses: modern, European or Arabic style...



Montfaucon (France)  
Sapisol® roofing



Le Russey (France)  
Sapisol® roofing  
Contemporary house



Jouy-le-Potier (France)  
Sapisol® roofing





Beirut (Lebanon)  
Association of stone and wood



Briançon (France)  
Sapisol® roofing for a mountain house

## High insulation

Design and realisation of exclusive houses is also one of our activities.



Lebanon  
Timber cladding - larch



Rambouillet (France)  
Green home



Comfortably warm in harsh climate





La Brévine (Switzerland)  
Funlam® - spruce



Grandson (Switzerland)  
Openlam® - larch





Lebanon  
Funlam® - larch



## Extreme limits



Chamonix-Mont-Blanc (France)  
Mountain refuge "Le Goûter"  
Douglas fir glulam structure



Antarctica  
Concordia station  
Sapisol® in floor, wall and roof  
Altitude 3000m



Mantova (Italy)  
Mountain refuge  
3500m altitude



Saint Pierre et Miquelon  
Nursing home



L'Illa (Andorra)  
Mountain refuge  
2488m altitude



22 ZA des Epinottes • 25500 Montlebon • France  
Tel. +33 381 670 126 • [www.simonin.com](http://www.simonin.com) • [simonin@simonin.com](mailto:simonin@simonin.com)