



Metalu Marinas is the French market leader for marina equipment and official partner of the French Marina Federation. Since 1974, Metalu Marinas has been specialized in aluminum docks and fixed and floating gangways, from design to installation, throughout the world, including Europe, Russia, the Middle East, Asia, the United States, the Pacific Ocean, and the Indian Ocean.

Our engineering department is equipped with the latest design and calculation software for designing any type of dock for any site configuration, tailored to your specifications.

Our marina systems are designed and built by personnel accredited by Veritas and are regularly tested by official inspection agencies. Inspections cover engineering and design calculations as well as welds and load tests.

Our technical and sales staff are happy to answer any questions you may have. Please don't hesitate to contact us for advice on your project.



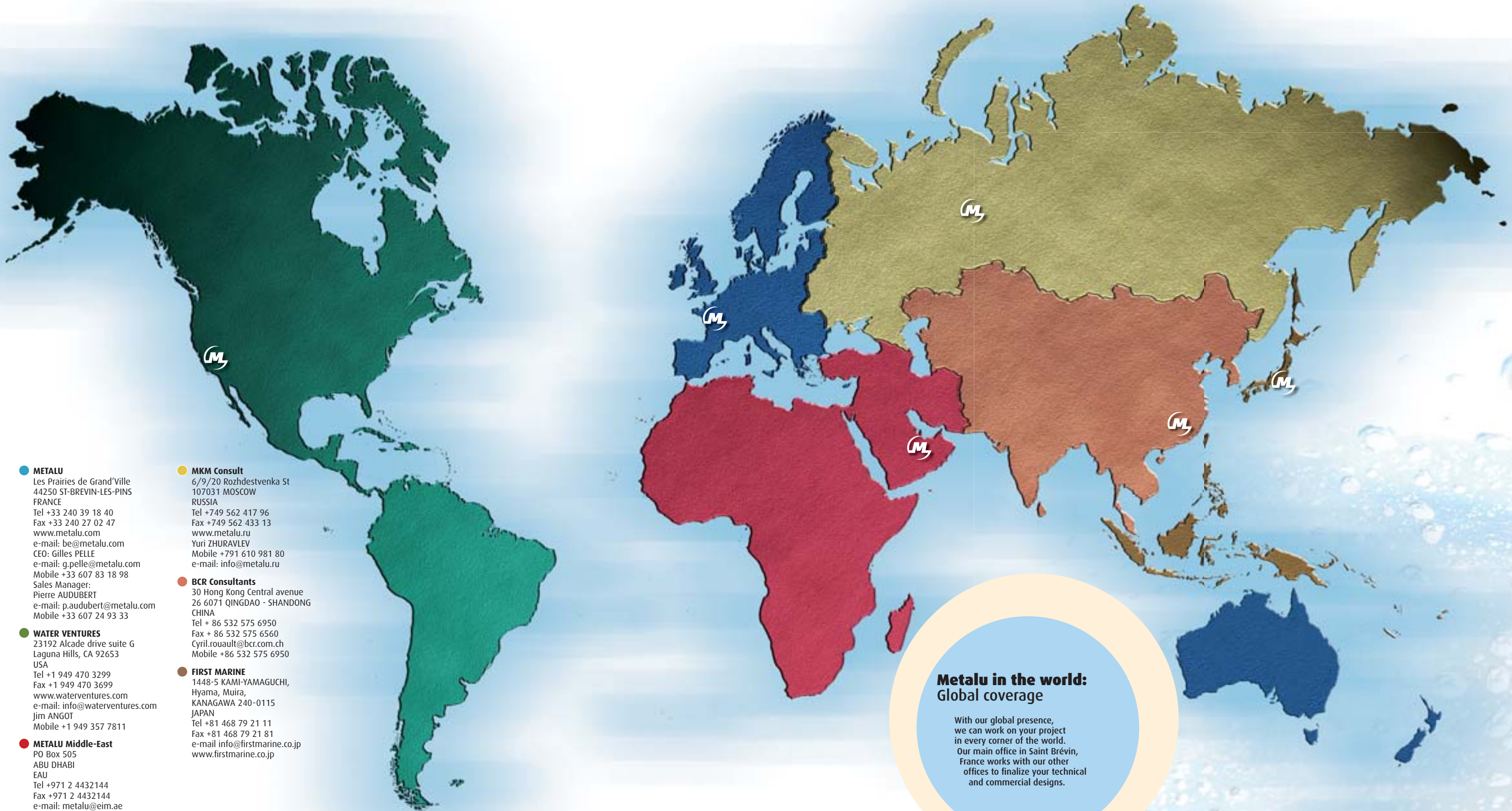
**METALU INDUSTRIES INTERNATIONAL**

BP 53 Les Prairies de Grand'Ville  
44250 Saint-Brévin-les-Pins - France  
Phone : +33 2 40 39 18 40 - Fax : +33 2 40 27 02 47  
e-mail : [be@metalu.com](mailto:be@metalu.com)  
[www.metalu.com](http://www.metalu.com)



# The Group

## in the world



● **METALU**  
Les Prairies de Grand'Ville  
44250 ST-BREVIN-LES-PINS  
FRANCE  
Tel +33 240 39 18 40  
Fax +33 240 27 02 47  
www.metalu.com  
e-mail: be@metalul.com  
CEO: Gilles PELLE  
e-mail: g.pelle@metalul.com  
Mobile +33 607 83 18 98  
Sales Manager:  
Pierre AUDUBERT  
e-mail: p.audubert@metalul.com  
Mobile +33 607 24 93 33

● **WATER VENTURES**  
23192 Alcade drive suite G  
Laguna Hills, CA 92653  
USA  
Tel +1 949 470 3299  
Fax +1 949 470 3699  
www.waterventures.com  
e-mail: info@waterventures.com  
Jim ANGOT  
Mobile +1 949 357 7811

● **METALU Middle-East**  
PO Box 505  
ABU DHABI  
EAU  
Tel +971 2 4432144  
Fax +971 2 4432144  
e-mail: metalu@eim.ae  
g.pelle@metalul.com  
Mobile + 971 50 9064344

● **MKM Consult**  
6/9/20 Rozhdestvenka St  
107031 MOSCOW  
RUSSIA  
Tel +749 562 417 96  
Fax +749 562 433 13  
www.metalul.ru  
Yuri ZHURAVLEV  
Mobile +791 610 981 80  
e-mail: info@metalul.ru

● **BCR Consultants**  
30 Hong Kong Central avenue  
26 6071 QINGDAO - SHANDONG  
CHINA  
Tel + 86 532 575 6950  
Fax + 86 532 575 6560  
Cyril.rouault@bcr.com.ch  
Mobile +86 532 575 6950

● **FIRST MARINE**  
1448-5 KAMI-YAMAGUCHI,  
Hyama, Muira,  
KANAGAWA 240-0115  
JAPAN  
Tel +81 468 79 21 11  
Fax +81 468 79 21 81  
e-mail info@firstmarine.co.jp  
www.firstmarine.co.jp

### Metalu in the world: Global coverage

With our global presence,  
we can work on your project  
in every corner of the world.  
Our main office in Saint Brévin,  
France works with our other  
offices to finalize your technical  
and commercial designs.





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**VERITAS**

**Leading French**  
manufacturer of aluminum  
marina equipment

**Marina designer**  
since 1974

A n c h o r i n g   S y s t e m s

Our engineers are experts in marine systems and will take your project from design to completion, with an emphasis on advanced technologies, compliance and safety.

With our vast experience, we can offer you:

**+** **State-of-the-art technology:**  
With cutting-edge CAD software

**+** **Greater choice:**

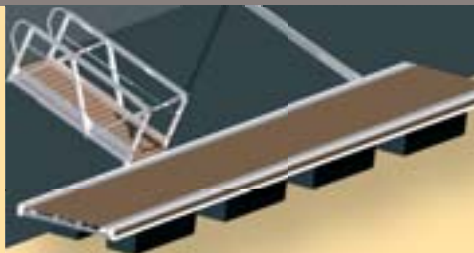
- A comprehensive line of fixed and floating docks for all types of vessels, from rowing boats to maxi-yachts
- A comprehensive line of anchoring systems for all types of sites, from Seaflex systems to pilings



On piles



On dockside I-beams



and on moorings (chains or Seaflex) + concrete blocks

On beams

| PRODUCT LINE  | Floating         | Fixed            | Finger piers     | Gangways         |
|---------------|------------------|------------------|------------------|------------------|
| Length        | 6 to 12 m        | 6 to 13 m        | 4 to 12 m        | 2 to 30 m        |
| Width         | 1.50 m to 4 m    | 1.50 m to 3 m    | 0.30 m to 1.30 m | 1 to 2.50 m      |
| Load capacity | 100 to 450 kg/m² | 250 to 450 kg/m² | 100 to 200 kg/m² | 250 to 450 kg/m² |
| Freeboard     | 0.18 m to 1.50 m | -                | 0.40 m to 0.60 m | -                |
| Decking       | wood/composite   | wood/composite   | wood/composite   | wood/composite   |
| Floats        | Polyethylene/alu | -                | Polyethylene/alu | -                |



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Marinas Concept

# Private club

## Private club: A modular line

- A modular line specially designed for recreational and private facilities
- 6 m x 2.15 m modules (1 x 6 m or 2 x 3 m) and 12 m x 2.15 m modules
- suitable for all types of anchoring systems, including piles, concrete blocks, beams and dockside I-beams



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## References

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## The 3 clubs

### Jet Club

A line designed for small vessels: Rowing boats, Personal watercraft, sailboats up to 6 m

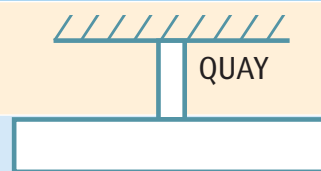
### Sailing Club

A line designed for mid-size vessels: Sailboats and motorboats up to 12 m

### Power Club

A line designed for large vessels: Sailboats and motorboats up to 20 m

### Several configurations



Parallel to the quay



Perpendicular to the quay



T-shaped



U-shaped

**Dock Access:** Gangways available in 1.50 m, 3.00 m, 4.50 m and 6.00 m long, 1.20 m wide.  
Two types of railing available, all aluminum or aluminum and rope

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Open here





# Commercial docks



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## METALU Marinas: the commercial dock specialist

- Line of commercial docks specifically designed to meet commercial standards
- Can accommodate boats from 40 to 350 tons
- Suitable for all types of anchoring systems

Commercial  
fishing

Pilot's  
Boats

Maritime  
buoyage

Passengers

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# Floating gangways

**A “marina” spirit  
tailored to  
your environment**

- Give your recreational spaces and walkways another dimension
- Take your project to new horizons with environmentally friendly design and integration into your natural sites



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# Fixed gangways



Walkways



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## We put our expertise to work for your safety:

Design and construction of road, rail, and **river overpasses**, with single spans of up to 35 meters.

**Load capacities** and handrail designs comply with standards for areas open to the public.

Constructions regularly verified by **inspection agencies** such as Veritas, Socotec and Apave. Inspections cover engineering and design calculations as well as welds and load tests.

**A variety of handrail**, decking and paint options to suit your needs.



Overpasses



Commercial uses

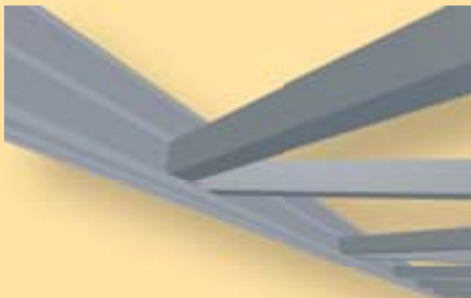
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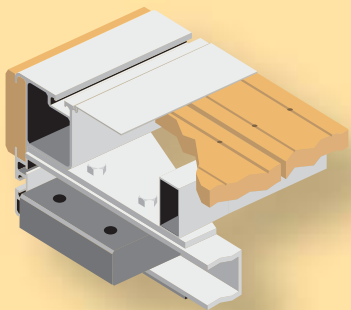
# Accessories and Utilities



Electricity bollards



The crossbars and diagonals are set into the edge profiles before welding



Steel reinforced rubber blocks connect each section for maximum flexibility and rigidity. End crossbars are vertically bolted through welded gussets to prevent detaching



The floats can be changed without disassembling the dock. They are inserted in the profile on one side and blocked by bolts on the other. They are mounted catamaran-style for optimal stability

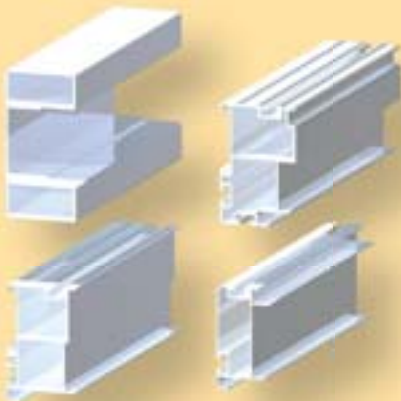
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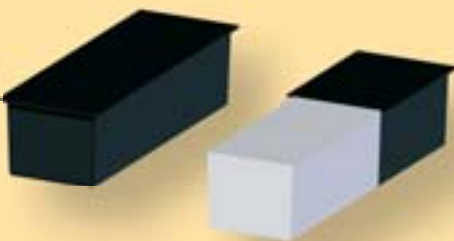
Several railing models

Several types of access gates

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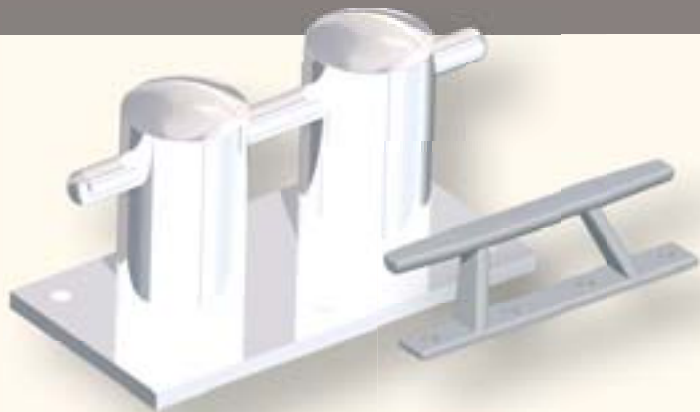
Several types of edge profiles are available for a wide range of docks



We offer a wide range of aluminum and rotomolded polyethylene floats filled with closed cell extruded polystyrene. Our docks have a freeboard of 0.18 to 1.50 m and load capacity of 100 to 450 kg/m²



Dock accessories and finger piers slide on rails built into the edge profiles



Wide range of bollards and cleats for mooring boats up to 200 tons



Three types of sliding or bolted dock fenders are available: wood, polyethylene and Delta



Dock marker

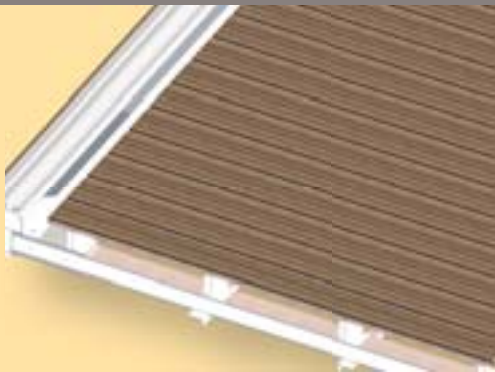
Ladder

Life Ring

Ladder

Water

Extinguisher



Decking available in rotproof exotic wood planking or composite wood, riveted separately on aluminum supports for easy maintenance and good ventilation. Welded aluminum decking available for commercial use



A specially designed profile covers utility channels to give fast, easy access to water and electricity systems