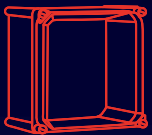


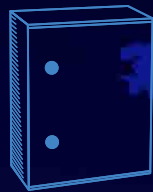
EUROPOLY

■ ■ MADE IN FRANCE

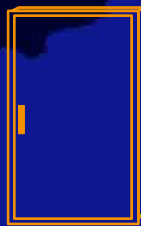
THE POLYESTER REFERENCE



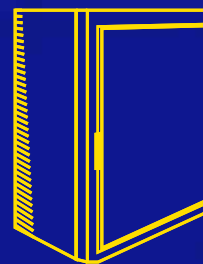
MICRO EURO



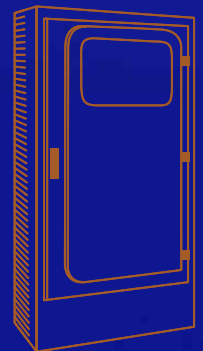
MINI EURO



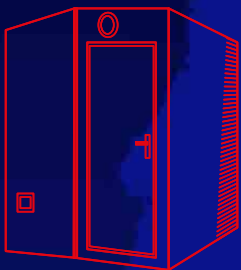
EURO MEDIUM



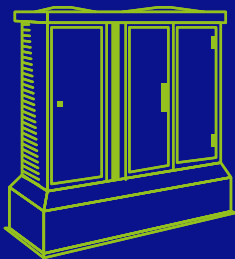
MAXI EURO 1500



MAXI EURO 1900



MEGA EURO



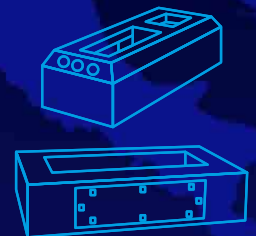
EURO URBAIN



EURO INSTRUM



CUSTOM-MADE



ACCESSORIES

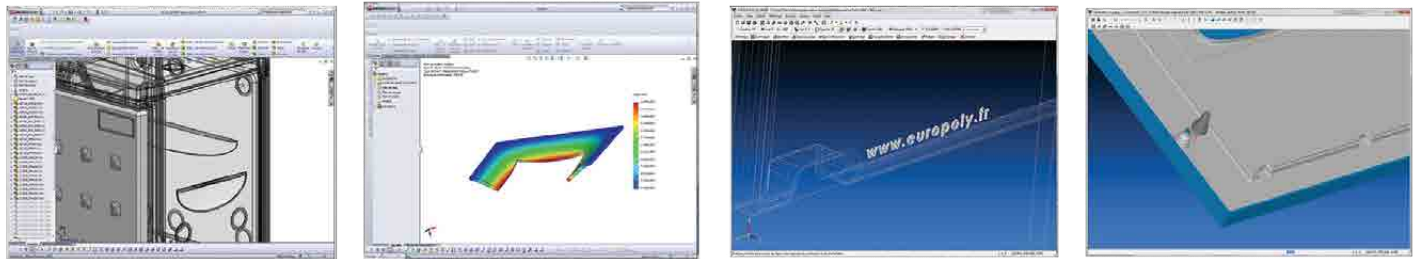


GENSOLLEN

COMPANY FROM EUROPOLY GROUP

CUSTOM MADE

With our excellent research unit, EUROPOLY is able to research, design and create various types of enclosures, cabinets, shelters, terminals and other fibre-glass reinforced polyester fittings.



1. Enclosure designed according to clients' specifications using CAD software.
2. Mechanical capacity simulation using finite element analysis software.
3. Programming of machinery for prototype production using CAM software.
4. Simulation of prototype production using CAM software.



5. Photo of machining centre in operation.
6. Wooden prototype produced in our workshops.
7. Water terminal: example of custom-made product development.



AVALANCHES

EUROPOLY, in close collaboration with its client, has designed and produced a shelter used for triggering avalanches remotely.

Our research and development unit was able to analyse the client's specifications and draw up a design and prototyping plan. Once the prototyping process was complete, EUROPOLY took on the task of manufacturing the GRP shelters. The task was as much of a technical challenge for our client as it was for us. The product's unique specifications had to be respected: electromagnetic compatibility, thermal insulation and the overall rigidity of the shelter to allow for it to be transported by helicopter whilst containing all of the material, sometimes at heights of more than 4000 metres.

Thanks to the skilled teamwork of the two companies, we were able to produce an extremely popular shelter which is used throughout the world.

Find out about our latest «custom made» products on our website:
www.europoly.com

HOODED COMPARTMENTS



EUROPOLY, in collaboration with its client and the town of Calais, has designed and created a hooded compartment used to protect retractable-socket cabinets from water infiltrations. Within a very short time span, our research and development unit has been able to analyse the client specifications and draw up a design and prototyping plan.

Once the prototyping process was complete, EUROPOLY took on the task of manufacturing the GRP hooded compartments.

The main technical challenge was to manufacture hooded compartments which are both lightweight - and thus easy for the user to dismantle - and hardwearing and suitable for use in an industrial port. Light but robust honeycomb mesh reinforcements were used.

The second challenge was the production of more than 100 of these hooded compartments and their moulds within 8 weeks. We therefore dedicated all of our resources and, thanks to the successful integration of our production team (design, prototyping, manufacture), EUROPOLY was able to achieve its goal of satisfying the client.



MALAYSIAN TRAM

EUROPOLY, in close collaboration with its export client, has designed and manufactured a reinforced enclosure for housing very large subway or tram switchboards. Our export sales team alongside our research and development unit were able to analyse the client's specifications and drew up a design and prototyping plan.

The prototyping and moulding processes were carried out internally. Finally, EUROPOLY took on the task of manufacturing these GRP enclosures.

The task was as much of a technical challenge for our client as it was for us. The product's unique specifications had to be respected: openings on 3 sides with 5 different doors, a reinforced 4-slope roof, the assembly with a GRP cabinet on one side, and the rigidity of the enclosure allowing it to withstand heavy loads whilst not increasing the weight of the enclosure itself.

Thanks to both companies' skilled teamwork we were able to manufacture the enclosures and to achieve our goal of satisfying the client. This custom-made enclosure is now the go-to product for our client, who is a key player in the world of subway and tram disconnectors.

CUSTOM MADE

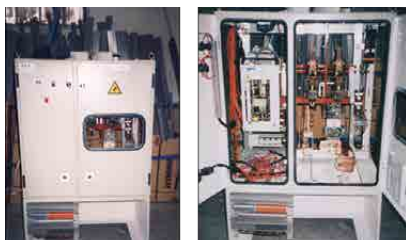
WATER TREATMENT



A range of enclosures used for water analysis and treatment in Paris. For these purposes, the composite material (fibre-glass reinforced polyester) must be extremely resistant to corrosive and harsh environments (Parisian sewage works). The use of adapted resin and gel coat finish creates an extremely resistant combination. We manufactured a custom-made product to fit the specific dimensions and location of the enclosures.

PARIS SUBWAY - RATP

(RATP - PUBLIC TRANSPORT OPERATOR IN PARIS)



An enclosure used in high voltage rail networks. The challenge here was to ensure the complete accessibility of all the equipment inside the enclosure. Our research unit found a solution: a system of doors which allowed access from every side of the enclosure, whilst maintaining the rigidity of the structure.

BATTERY CABINETS



Europoly has designed a unique enclosure used for the protection of batteries. This 2-shelf enclosure allows to store 22 batteries at an overall weight of 400kg. Other features include a DERACANE resin retention tray to collect acid residue, as well as a pivoting roof hatch, held open by an integrated door stop, which allows access to the batteries from above.

TELESCOPES



Europoly manufactured coupled enclosures and cabinets for high tech telescopes. Our products were approved and ordered by Paris Observatory. Enclosures and cabinets had to be at the same time watertight, ventilated (IP55 minimum) and extremely resistant to UV. Therefore, we used air grills and IP55 ventilators. We painted the enclosures with a UV-resistant polyurethane coating.

CHLORINE TERMINAL



This terminal was designed for an international water treatment company to allow for storage and monitoring of chlorine bottles. With its elegant design the terminal fits well into any outside environment. A gel coat finish was used to protect against acid and chlorine erosion and increase the structure's lifespan.

ACCESS POINTS, BADGE READERS



Fibre-glass reinforced polyester standing console with anti-UV gel coat finish. A layer of metal mesh between 2 sheets of GRP created a protective screen against electromagnetic radiation. These access points can be installed on the ground or fixed to a wall. Cutting and drilling can be custom made.

HIGH VOLTAGE ENCLOSURE



Enclosure partitioned into several compartments. These enclosures were designed and adapted to the client's specific needs. These enclosures (HxWxD in mm: 1500x1250x500) are specially adapted to separate different electrical charges and materials.

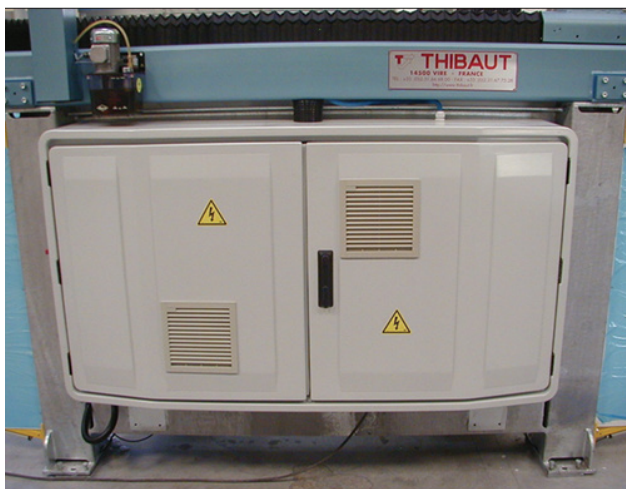
CABINET WITH DRAWERS



Cabinet with drawers for dielectric material testing. This cabinet was purpose-made for use in a sterilized laboratory.



SPECIAL MACHINERY ENCLOSURE



These made to measure enclosures were designed for an international company specialised in the cutting of all materials. The object was to design an enclosure which would be simple and elegant whilst also fulfilling very specific technical requirements: strong mechanical resistance, high protection degree, appropriate dimensions. In collaboration with our client's technical team, our research unit was able to design this enclosure and start a mass production.

WATER TERMINAL (PUMPING)



This water terminal was made from fibre-glass reinforced polyester and thermally insulated with polyurethane foam. These terminals can be used to house pipelines, valves, connectors and other plumbing items. Thanks to its thermal insulation, the items inside the terminal are kept frost-free. An infinite choice of colours is available, allowing for this product to be used in any environment.

MADE TO MEASURE PRODUCTION

Europoly can carry out any modifications on any standard cabinet, enclosure or shelter in order to meet your requirements: drilling, inserts, enclosure assembly, colour range (RAL colour chart), reinforced thermal insulation, internal door, lining, shelves, fastening system, windows, custom-made cut-outs... as well as any other requested modification.



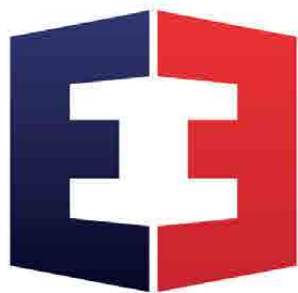
EUROPOLY, in collaboration with its clients and telecoms operators, manufactures enclosures for «Fibre-Optic to the Home» development.

The 2 main challenges in this market are to customise products to suit clients' expectations (cut-outs, drilling of the enclosure etc.) whilst also producing a large quantity of the product in a short time-span.

Thanks to our flexibility during the production process and thanks to our modular and dismantable products, we are able to manufacture a large number of items within this short time frame.



CUSTOM MADE



EUROPOLY

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