



**PLASTISELL**

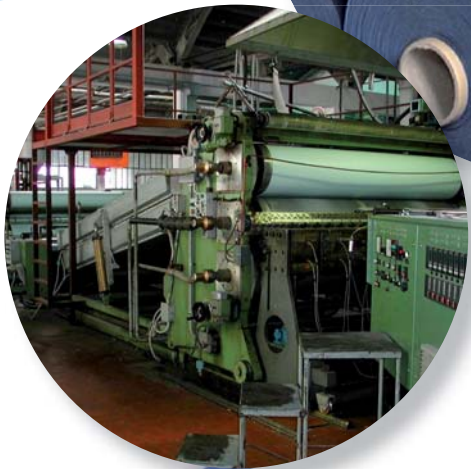


Flexible PVC  
Waterproofing  
Membranes





# Who we are



## PLASTISELL

**Plastisell** produces a wide range of PVC waterproofing Membranes Brand Name **PLASTIFLEX** and waterproofing Systems since 1965.

A long time ago, **Plastisell** launched an intensive research and development campaign for waterproofing membranes in building and civil engineering and since then great changes have been seen in materials and manufacturing processes.

*plastiflex*

### INNOVATION

Innovation takes us and industry forward and **Plastisell** has system provider is at the forefront of it. The introduction of PVC flexible waterproofing membranes in construction field has been pioneered by **Plastisell** setting the currently accepted site standards. These products perform high quality in terms of mechanical properties, long life, weldability with consequent easy application.

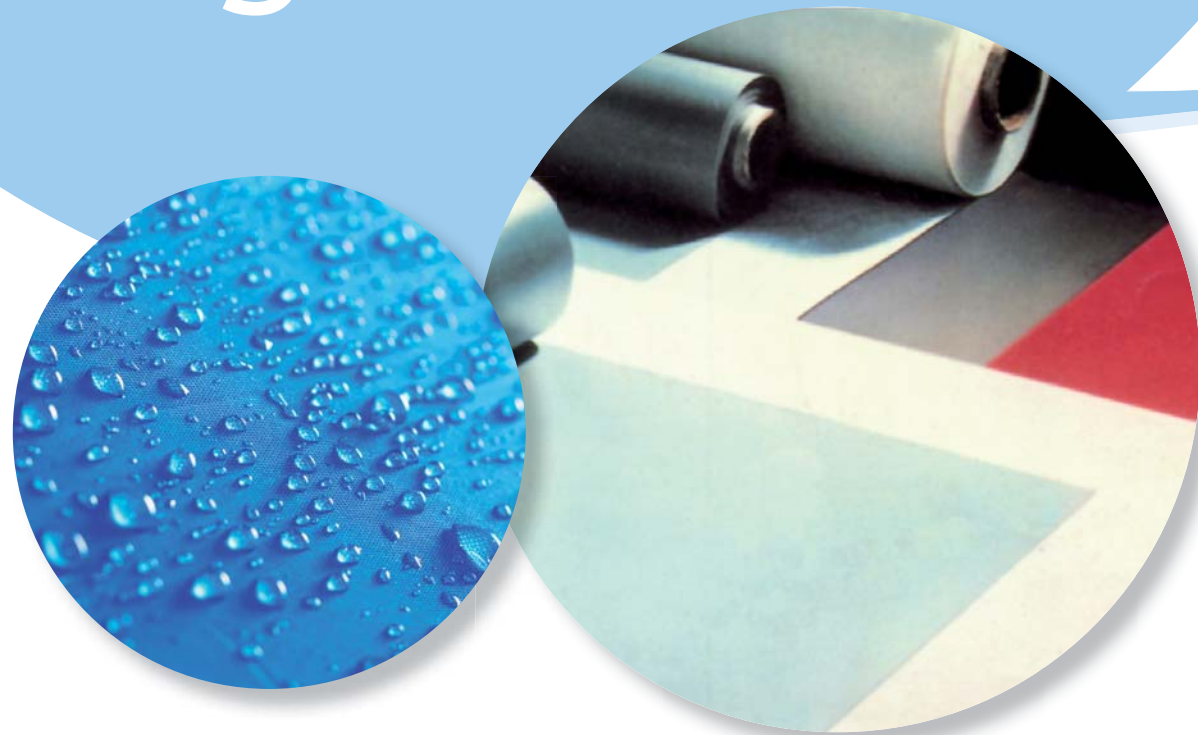
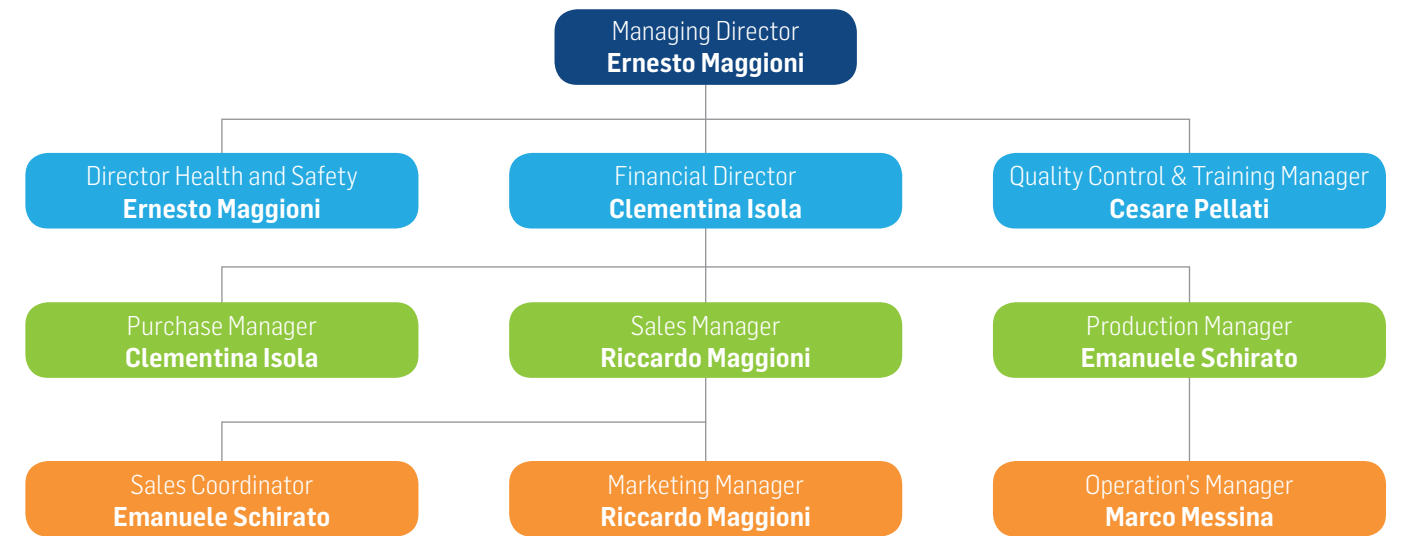
### RELIABILITY

Modern building construction, public works, traffic tunnels, metro tunnels and stations are increasingly planned for a functional service life of more than hundred years. For this reason, they must be protected against the effects of groundwater and seepage of concrete fissures. This is why **Plastisell** certifies performance and longevity **PLASTIFLEX** membranes.





# Structure and Organisation



Research and innovation are the FOUNDATIONS on which **Plastisell** has built its effort since the beginning of its business.

Established in 1965 **Plastisell** has become soon one of the leading companies in the manufacture of PVC waterproofing membranes for the construction industry internationally.

**Plastisell** is structured around four divisions.

- WATERPROOFING MEMBRANES - ACCESSORIES for WATERPOOFING.
- Thin PVC FILM for moisture and damp barriers.
- Agriculture Cristal clear thin PVC Film.
- Bags for fertilizers and detergents.

## Our commitment to service

In order to meet all the Total Quality requirements, **Plastisell** offers - for its four divisions - Technical, Commercial and Logistic Services with the aim of supplying the best support to market operators.



### Technical services

**Plastisell** provides the market with:

- Standard technical specifications in paper or IT format
- Customised technical specifications
- Analysis laboratories are available to customers
- On-site supervision
- Internet Site: simple, fast and always updated with the latest Plastisell index products.



### Commercial services

People qualified in sales and in the commercial sector are close to customers to satisfy their requirements:

- Quick answers to commercial queries
- Courtesy and availability
- Ultra rapid filling of orders
- Lists of references and projects implemented throughout the world.



### Logistics

- A generous stock of finished products ensures fast deliveries
- Warehouse in Italy facilitate deliveries
- A fully computerised logistic system makes it easy to trace products.



# Competence. in Waterproofing



**PLASTISELL**

## TUNNELS - CUT AND COVER TUNNELS - FOUNDATIONS

Modern traffic tunnels are increasingly planned for a functional service life of more than 100 years. For this reason they must be protected extensively against the effects of groundwater and water penetrating through rock fissures. The construction and sealing specifications are correspondingly strict, especially with respect to the required service life.

The level of hydrostatic pressure and the aggressiveness of the water determine the scope of the protection required for the construction of underground structure measures. Also, for ecological reasons, there is an increasing desire to limit the drainage of mountain water. There are a broad range of opportunities, technical as well as economic, for selecting the most suitable protection system. Each tunnel requires a specific solution; depending



on construction details, such as cut and cover construction projects, varying water aggressiveness, transition sections of in-situ water under pressure and seepage water.

Sealing does more than just protect important structures against corrosion. The tunnel suitability (e. g. prevention of icing) as well as the stability itself requires a protection against moisture. In comparison to the total costs of constructing a tunnel, the costs of providing a functional waterproofing is minor - but the advantage to be gained is major. Sealing protects and safeguards the structure. It reduces maintenance costs and repairs. Therefore waterproofing is an indispensable part of any tunnel construction.

A long-term, trouble-free tunnel operation with low operating and maintenance costs can be achieved with a professionally installed sealing system. In addition, a tunnel's sealing system will actively contribute to environmental protection, despite the need for the construction of the tunnel, by avoiding interference with the mountain's hydrological water balance. The sealing system will also prevent environmental damage from oils or chemicals which may occur due to traffic accidents.

These important requirements are satisfied reliably and economically with the **Plastisell waterproof sealing system**.





Competence.  
in  
Waterproofing



#### LINING OF WATER BASINS - CANALS - HYDRAULIC WORKS

##### THE LINER SYSTEM

Made from the highest quality resins, **PLASTIFLEX GLB** Geomembranes boast exceptional tensile strength, puncture resistance, durability and longevity.

They have outstanding thermal and dimensional stability and are highly resistant to UV exposure, extreme temperatures and water absorption.

Each liner system is installed using state of the art welding technology to ensure a long term containment for each type of water basin

*plastiflex*



#### AGRICULTURE

**PLASTISELL**

Plastic material assume the greatest importance in many agrarian activities . In particular we relate to the sectors of the sheltered cultures where these plastic materials are employed with indispensable technical – economical advantages. Therefore in the sheltered culture sector the transparent **AGRI PVC** is the most qualified material, in fact further to its own total transparency for the visible and short infrared radiations of about 92% (considering 100% the transparency of the air) is practically impermeable to the long infrared radiations reemitted from the ground. This fact is called **GREENHOUSE EFFECT** and avoids the nightly cooling.



Agriculture



# The Plastisell Quality System



## QUALITY ASSURANCE

The success of a construction project is determined by the quality of every aspect and Quality assurance is especially important. That's why we are focused to offer and deliver the following characteristics:



## MATERIAL QUALITY

**Plastisell** is innovative, use advanced raw materials, modern production processes, research intensively and ensure the internal production monitoring. Following these guidelines, we provide our customers with high quality products.



## PRODUCT QUALITY

- Certified **Plastisell** systems according ISO 9001
- High Quality advanced raw material technology for PVC-P POLIMERS.
- Specified and cost-optimized **PLASTISELL** products
- Experienced products know how based on different application fields in tunneling - foundations - hydraulic works.
- Customer requirements are fully implemented within the Company due to the integrated quality management system.



Since 2009 the geomembranes development, production, sales and geotechnical divisions, of **Plastisell** have been certified according to EN ISO 9001:2000. This certification is regularly validated by scheduled audits.

## CE MARKING



From 2009 CE MARKING for Geomembranes was made compulsory. The CE marking certifies that a product corresponds to the product specific EUROPEAN guidelines for the specific applications and functions.





Where  
we  
are



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