



## **COMPANY PROFILE**

**WATERPROOFING PRODUCTS & SYSTEMS**



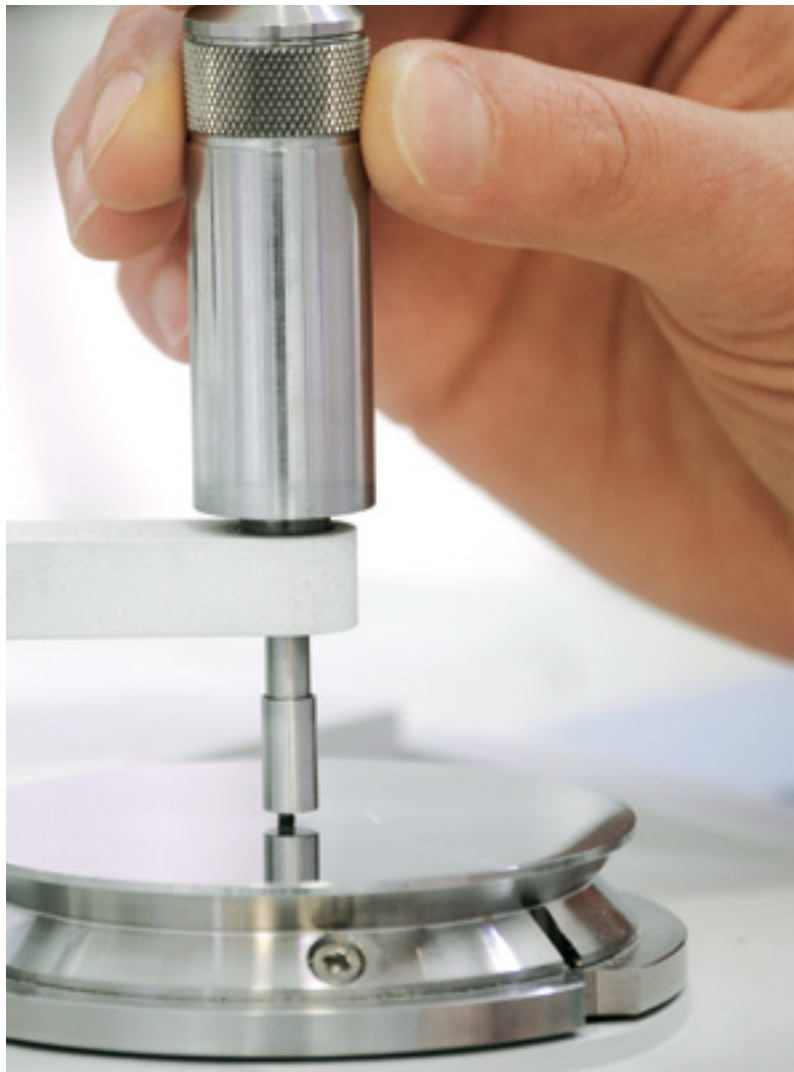
**General Membrane** has always shown its great enthusiasm when it comes to manufacture a product that is meant to become a reference for the industry, always **striving** for excellence in a completely different way.

The new innovative solutions by General Membrane were created following this concept: General Solar PV - General Fix - NEW - and now NEXT. They have all attained the same goal: being considered cutting-edge technology in the modern waterproofing industry.

General Membrane develops environmentally sustainable materials through its excellent eco-friendly productive processes and especially systems that last longer. All this makes General Membrane an industry-leading enterprise.







# Our history

**1993**

**GENERAL MEMBRANE SpA** was founded. At the end of the year it started to produce **bitumen waterproofing membranes** in its headquarters in Ceggia, near Venice.



**1997**

General Membrane SpA received the **ISO 9001 certification** of the Quality Management System in the design and production of bitumen waterproofing membranes.



**2005**

General Membrane SpA received the **ISO 14001 Certification** of the Environmental Management System for its office in Ceggia, this result was also obtained thanks to considerable Environmental investments.



**1996**

The **second production line** was installed. Corporate Goal: improve the Quality of processes and products made.

**2003**

“**Progettocontemporaneo**” project was created with the dual objective of promoting the works of young emerging Italian and Foreign Architects in Europe.

**PROGETTOCONTEMPORANEO**  
galleria di architettura

**2006**



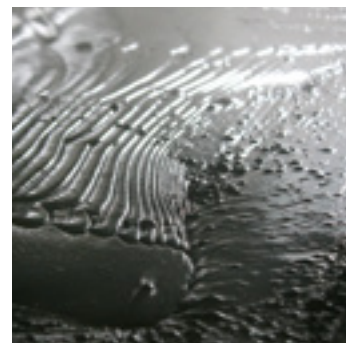
Progettocontemporaneo became the exclusive venue for “Triennale Off” in the Veneto and Friuli Venezia Giulia regions. **General Membrane S.a.** was established in **Buzau (Romania)** with a bitumen membrane production line.

## Production

General Membrane SpA designs waterproofing systems for the construction industry and produces waterproofing membranes based on distilled bitumen modified with polymers.

The production includes traditional membranes (elastoplastomeric-APP, elastomeric-SBS) and APAO compounds, based on poly-alpha-olefin polymers for innovative long-lasting systems.

With its systems and products General Membrane addresses all those who work in this industry sharing the values of durability, eco-friendliness and safety, who strive to achieve “a work of art”.



## Research and Development

General Membrane constantly invests remarkable resources in Scientific Research and Development of new systems and solutions for modern waterproofing.

Our Research and Development aims at finding new solutions through innovative products, systems and technologies that can meet the needs of the new roofing functions.

The General Solar PV, General FIX, NEW and NEXT systems witness to General Membrane's work in this direction.



**2007**

**CUT FIRE** is the new waterproofing membrane System developed to protect buildings from external fire risk. Class E certified.

**General Solar PV**, the new integrated photovoltaic waterproof system by General Membrane was developed.

## GENERAL SOLAR PV

**2012**

General Membrane SpA receives the **OHSAS 18001 Certification** of Occupational Health and Safety Management System.

**General Membrane** becomes **U.S. Green Building Council's** member.



**2014**

General Membrane certifies its **Carbon Footprint** pursuant to the international standard UNI EN ISO 14064 - 1:2012.



2008

2009

2010

**2011**

Renewal of the fist production line. New product: **General Fix**, an innovative fastening system for photovoltaic technologies on roofs.

**2013**

**General Membrane SpA** introduces the innovative **N.E.W.** waterproofing systems. **General Membrane SpA** celebrates **twenty years of successful activity** in Italy and Worldwide thanks to the quality of its waterproofing products and systems. Renown Italian director **Riccardo De Cal** produces **"Elegia Industriale"** (Industrial Poem), General Membrane SpA's corporate video.

NEVER ENDING  
**NEW**  
WATERPROOFING



**2015**

**NEXT** is created: an innovative system to make roofs waterproof using the induction technique.

**NEXT**  
WATERPROOFING

## Certifications



**UNI EN ISO 9001:2008**  
Quality Management System.



**UNI EN ISO 18001:2007**  
Workers' Health and Safety Management System.



**UNI EN ISO 14001:2004**  
Environment Management System.



**UNI EN ISO 14064 -1:2012**

General Membrane has long adopted an environmental policy aimed at improving the sustainability of its productive processes and constantly measuring and monitoring the impact of its presence on the territory. For this reason the Company has decided to assess its Carbon Footprint over time, which is certified by means of the international standard UNI EN ISO 14064 -1:2012.

General Membrane certifies its products according to the major international standards.

## The technologies of General Membrane SpA



### CUT FIRE TECHNOLOGY

Waterproofing membranes and systems for protection against external fire.



### REFLECT TECHNOLOGY

Surface paints and finishes with a high reflectance and emissivity to reduce the "heat island" effect.

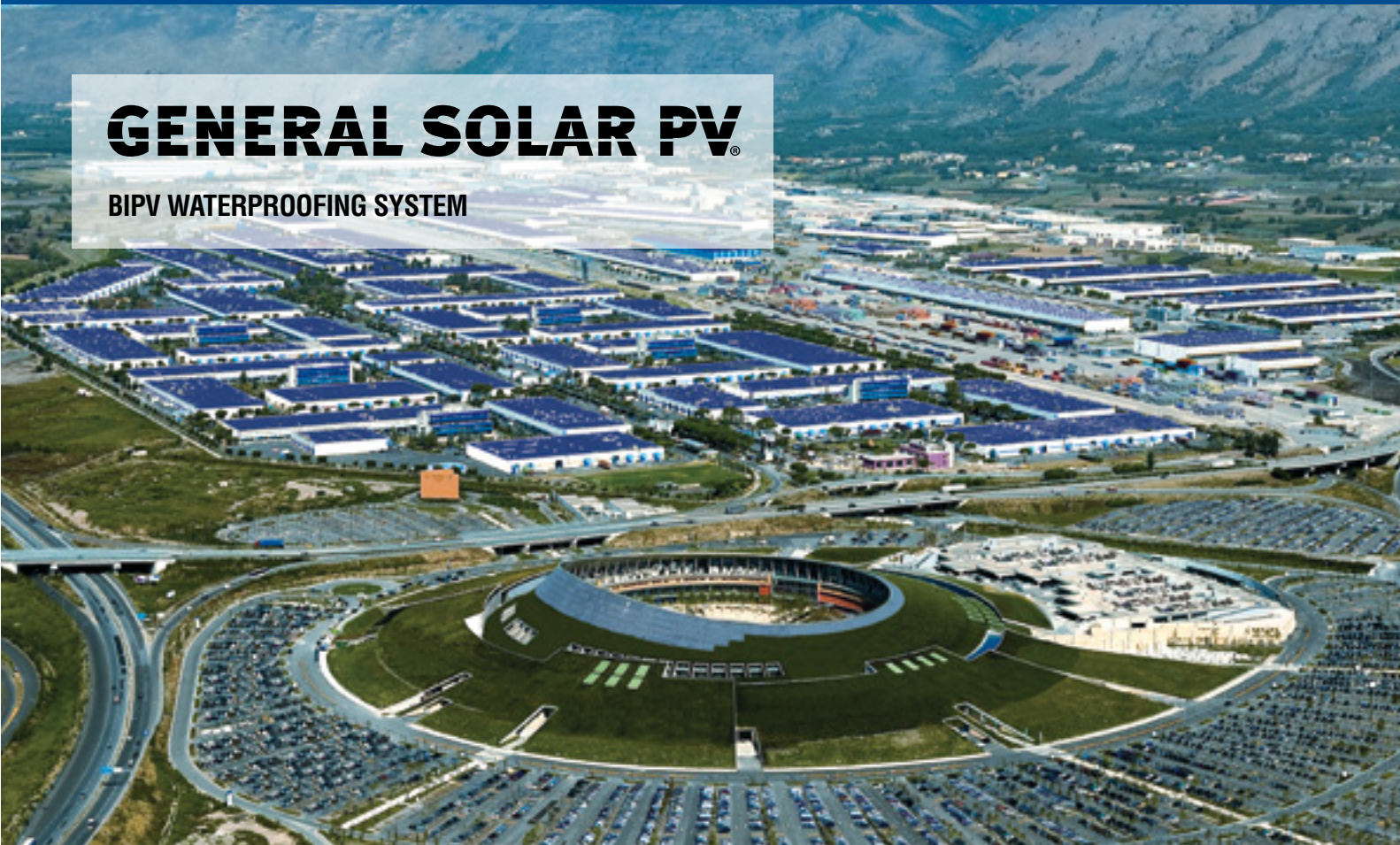




# The systems of General Membrane SpA

## **GENERAL SOLAR PV®**

BIPV WATERPROOFING SYSTEM



## **General Fix**

FIXING SYSTEM ON BITUMINOUS OR SYNTHETIC COVERINGS. SUITABLE FOR PHOTOVOLTAIC MODULES AND TECHNOLOGICAL INSTALLATIONS.





NEVER ENDING  
**NEW**  
WATERPROOFING

**N.E.W. ARE LONG LASTING,  
SUSTAINABLE AND ECONOMICAL  
SYSTEMS MANUFACTURED BY  
GENERAL MEMBRANE.**



**NEXT**  
WATERPROOFING

PATENT  
PENDING

**NEXT IS THE INNOVATIVE  
WATERPROOFING SYSTEM BY  
GENERAL MEMBRANE THAT USES THE  
INDUCTION TECHNIQUE. INNOVATIVE,  
TECHNOLOGICAL AND SCIENTIFIC.**



# PRODUCTS & WATERPROOFING SYSTEMS - COMPANY PROFILE

## N.E.W. SYSTEMS

THE INNOVATIVE DURABLE AND SUSTAINABLE WATERPROOFING SYSTEMS COVERED BY A TWENTY YEAR WARRANTY POLICY

**UNIQUE MATERIALS**  
Phoenix Super -35°C

**VAPOUR BARRIERS**  
Halley Alu Vap -25°C  
Halley WAP -25°C  
Orion Alu Vap -15°C  
Orion Vap -15°C

**THERMAL INSULATING**  
Genetherm B  
Genetherm N

**SEPARATION LAYERS AND DRAINANTS**  
Genethene 300  
Genethene 750

## GENERAL SOLAR PV

PHOTOVOLTAIC WATERPROOFING SYSTEMS

**WATERPROOFING MEMBRANES**  
Modulo GENERAL SOLAR PV  
GENERAL SOLAR Prigioniero

**SYNTHETIC MEMBRANES**  
GENERAL SOLAR PV SH  
GENERAL SOLAR Prigioniero SH

**ACCESSORIES FOR THE WATERPROOFING SYSTEMS**  
General Solar Cleaner  
General Sigillante  
General Solar KIT ROLLER

## BITUMINOUS SHINGLES

**TEGOLE BITUMINOS**  
Covergen  
Covergen PLUS

## GENERAL FIX

ANCHORAGE DEVICE TO BASE SUPPORTS FOR TECHNOLOGICAL SYSTEM

**WATERPROOFING MEMBRANES**  
General Fix EVO

**SYNTHETIC MEMBRANES**  
AluFix  
BandFix SH

## REFLECT SYSTEM

**HIGH EMISSIVITY HIGHLY REFLECTIVE PAINTS**  
General Reflect Paint BASE  
General Reflect Paint PLUS  
General Reflect Paint SOL

**HIGH EMISSIVITY HIGHLY REFLECTIVE MINERAL FINISHES**  
Phoenix Solar REFLECT PROTECTION  
Phoenix Super REFLECT PROTECTION  
Phoenix Star REFLECT PROTECTION  
Phoenix REFLECT PROTECTION

## CUT FIRE SYSTEM

**EXTERNAL FIRE RETARDANT MEMBRANES**  
Phoenix Super CUT FIRE -35°C  
Mercury P CUT FIRE -20°C  
Phoenix Star CUT FIRE -15°C  
Gemini FC CUT FIRE -10°C

**EXTERNAL FIRE RETARDANT PV MEMBRANES**  
Phoenix SOLAR TECH CUT FIRE -35°C  
Phoenix SOLAR CUT FIRE -35°C

## WATERPROOFING MEMBRANES

**APAO**  
Galaxy -25°C  
**SBS**  
Uranus -25°C  
Mercury -20°C  
Lybra -15°C  
**APP**  
Phoenix -20°C  
Phoenix Star -15°C  
Orion -15°C  
Gemini -10°C  
Aries -5°C  
Columba -5°C  
Sirrah 0°C  
Sagitta 0°C

**BITUMEN DAMP-PROOF COURSE**  
General TM

## WATERPROOFING MEMBRANES FOR SPECIAL USES

**PHOTOVOLTAIC SYSTEM/**  
Phoenix SOLAR - 35°C  
Phoenix SOLAR TECH - 35°C  
Halley SOLAR -25°C

**BRIDGES, VIADUCTS AND RESERVOIRS**  
Galaxy Ponti -25°C  
Orion Ponti -15°C  
Gemini Ponti -10°C

**ANTIROOTS**  
General Garden FLL -15°C  
Gemini Garden -10°C  
Auriga Garden -10°C

**VAPOUR BARRIERS**  
Gemini Strips -10°C  
Gemini Vapor -10°C  
Gemini Vapor ALU -10°C  
Pegasus Spot  
Isolink

**BARRIERS TO RADON**  
Gemini Antiradon Plus -10°C  
Gemini Antiradon -10°C

**WITH DOUBLE REINFORCEMENT**  
Orion Biarmato -15°C  
Gemini Biarmato -10°C

**VERTICAL WALLS**  
Vertigen P -15°C

**LIGHT SYSTEM**  
Orion LIGHT -15°C  
Gemini LIGHT -10°C

## ADHESIVE MEMBRANES

**SELF-ADHESIVE**  
Halley -25°C  
Halley ST -15°C

**THERMO-ADHESIVE**  
Termostar -20°C

## METAL COATED MEMBRANES

Gemma Rame -25°C  
Gemma Alu -25°C

## UNDERLAYMENTS

**BITUMINOUS**  
Aquarius PP  
Aquarius Super  
Aquarius Plus  
Aquarius SA

**SYNTHETIC**  
Aquarius Sint  
Aquarius Reflex

## SYNTHETIC MEMBRANES

**PVC MEMBRANES**  
Genesy PVC - PE  
Genesy PVC - VV  
Genesy PVC - VV FELT

**TPO MEMBRANES**  
Genesy ECO TPO - PE  
Genesy ECO TPO - VV  
Genesy ECO TPO - VV FELT

## THERMAL INSULATING

**TERMODOGA**  
General Termodoga XPS  
General Termodoga EPS  
General Termodoga PIR

**TERMOPLAN**  
General Termo Greca  
General Termo Onda

**BOARDS**  
General ISOXPS  
General Isoboard  
General ISOPUR

## MECHANICAL FIXING

**CONCRETE DECKS**  
Genefast C

**STEEL DECKS**  
Genefast MT

**TIMBER DECKS**  
Genefast W

**PROBLEM DECKS**  
Genefast Cr

## DRAINANTS AND GEOTEXTILES

General Protection  
General Protection Geo  
General Protection Maxi Stud  
Mechanical Fixing - General Protection  
General Web  
General Web SP  
General Feltro

## LIQUIDS

**LIQUID MEMBRANES**  
General Ecoliquida  
General Bituliquida  
General Fondo

**GLUES**  
General Glue  
General Glue HV  
General Stick  
General Glue PVC  
General Glue TPO  
General Glue Felt

**PRIMERS**  
General Special Primer  
General Rapid Primer  
General Eco Primer  
General Bridge Primer

**PROTECTIVE PAINTS**  
General Vernice Alu  
General Vernice Eco Alu  
General Veracrilica

## ACCESSORIES FOR THE WATERPROOFING

Air Vents  
Roof Drains  
Leaf-Guards  
Angular Drain Outlet  
Pipe Adaptor  
General Corner  
General Bitox  
Paving Supports

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