



UK

COMPANY PROFILE



IF YOU WANT TO SOLVE IT

www.azichem.com





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Logistics



Shipping Office



Administrative
and Sales Offices



Production



Scientific
Laboratory



Company

Since 1987, Azichem has been known for its exceptional reliability, professionalism and expertise in the direct manufacturing and sale of innovative technologies and products to support the building industry. Our target fields include structural restoration and consolidation, restoration and renovation, waterproofing, resin flooring and coatings, and we offer a full range of specialised and green building solutions.

More than
300
items

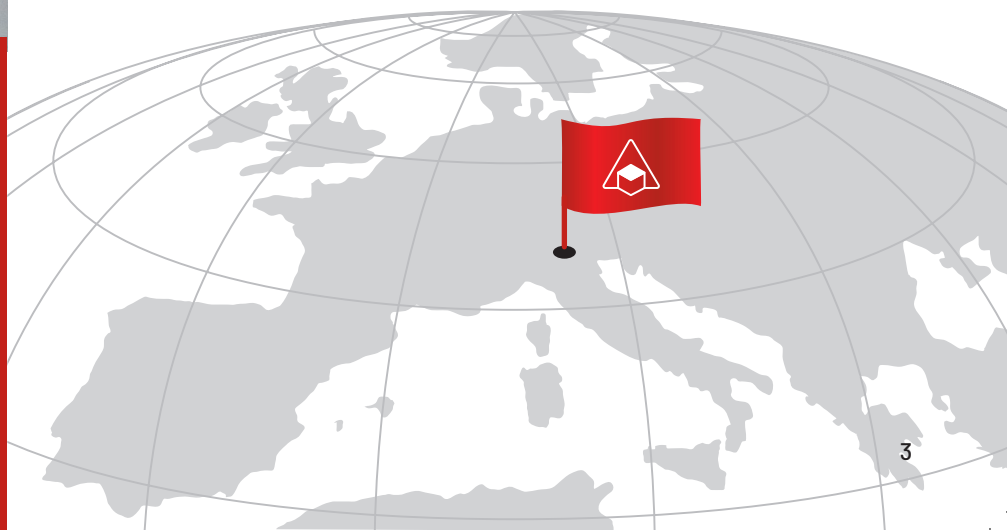
Our research and development is constantly evolving. We research and develop new products and solutions both in-house and at independent labs. Our range includes over 300 items including special ready-to-use products and accessories.

Our production is certified according to European CE regulations, and our formulations are constantly updated to meet the most stringent technological standards. We strongly believe that responsible, sustainable formulations help improve the environment around us and, as a consequence, people's quality of life.

- **UNI EN ISO 9001:2015**
- **UNI EN ISO 45001:2018**
- **MADE IN ITALY 100%**

Ours is a story of dedication, care in human relations, professionalism, and attention to detail. We are passionate about our work, and this has allowed us to cement our position as an established player in the specialised construction industry at international level.

Our **administrative** and **sales offices**, **production**, and **scientific laboratory** are located in Goito in the province of Mantua, northern Italy.



Mission

Our mission is in our slogan: **"IF YOU WANT TO SOLVE IT"**.

Our mission is to always provide the most suitable, durable, and high-performance solution for every type of construction problem, in the areas of new builds, restoration, and the renovation of civil, industrial, period and monumental buildings.

We have always relished a challenge and enjoy solving complex problems. Like a tailor's shop, after a detailed technical consultation, we also produce bespoke products specifically designed for the customer's problem.

We stand out for our pre-sales consultancy, operator training, and the wealth of expertise built up worldwide over 40 years of success on construction sites. You can see our references on our communication channels. Our constant technological innovation and research into top-performance products are all down to our team of technicians: engineers, chemists and geologists, who formulate solutions that combine technical performance and environmental sustainability, with the ambitious goal of improving the quality of the structure and improving the condition of the world we live in:



We have been producing and selling high-performance special products since 1987, and since 1994, we have been green building pioneers in Italy.

At Azichem, we believe that renovation and restoration are not simply a necessity but rather the very future of construction.





"IF YOU WANT TO SOLVE IT"

Safety and the Environment

Safety in the workplace has always been a priority for us.

Azichem has long adhered to an in-house green compliance strategy, to optimise, day after day, a business model that has converted our production cycles to ensure their low environmental impact and make our end products more ecofriendly.

The company's successful **ISO 45001:2018** "occupational health and safety" certification attests to our commitment to mitigating the risk of injury and creating a safer working environment.

Reducing risks in the workplace is also achieved by designing increasingly "green" end products: we produce an **ever-increasing range of products** with **zero VOC emissions** and with a significant content of secondary raw materials, following the directives of the most recent Italian legislation (CAM) and the European CE guidelines for production cycles with a low environmental impact.

An area of almost 1,000 square metres of solar panels allows us to selfgenerate electricity, which meets an important share of our energy requirement.



Our continued and unwavering commitment to health and safety, and our promise to deliver a less contaminated environment to future generations, make us proud and heighten our focus on our corporate vision:

Responsible construction has the burden and the privilege of being able to leave the world in a better condition than the one it found it in.





+ RESPONSIBLE towards People

By creating a safer working environment and a healthier workforce, we are helping to reduce risks in the workplace.

ISO 45001:2018



+ SUSTAINABLE with Renewable Energy

To meet an important share of our energy needs.

1000 square metres of solar panels



- ENVIRONMENTAL IMPACT in the Production Cycle

A vast range of products formulated using raw materials with very low Volatile Organic Compound (VOC) emissions.

VOC → Zero



Production and Quality Standards

The selection process for the raw materials used to pack Azichem products consists of several extremely rigorous stages:

- 1. Design:** for each product, the component, its characteristics and the exact weighted quantity to be used in the various formulations are analysed in advance.
- 2. Receipt of materials:** thorough checks are performed on all incoming raw materials.
- 3. Production:** the powder and liquid products sent to the mixing centre are perfectly dosed, packed, and subsequently palletised.
- 4. Transport:** the packaged products on pallets are loaded onto suitable vehicles or into containers and transported to their destination.

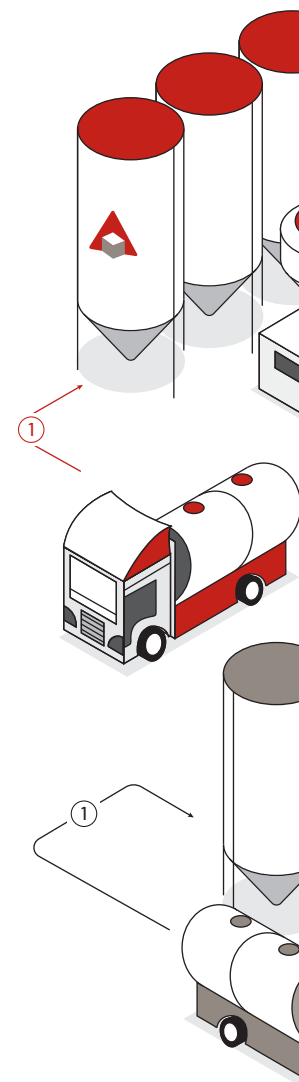
Automation, precision, and adaptability: these are the inputs that characterise the Azichem production centre.

Designed to cater for the different needs of customers who operate on construction sites and may therefore be faced with particularly time-critical delivery requirements of both large and small quantities of products.

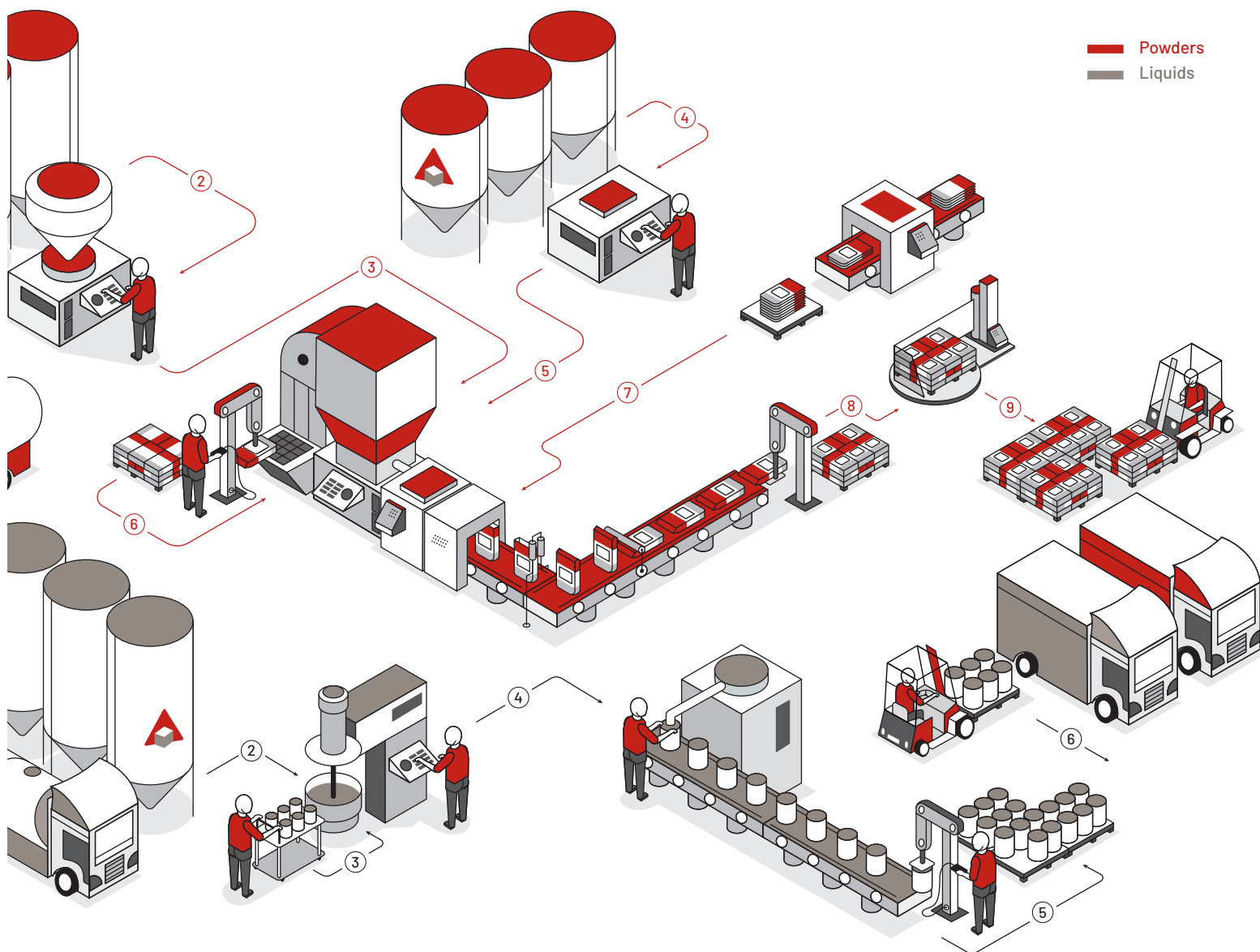
Automation, precision and adaptability therefore also characterise the sizing of the powder and solution product plants: highly automated systems for dosing, mixing, packaging and palletising, which can be easily combined to provide flexible - and timely - responses in all circumstances. The working environment fully complies with all hygiene and safety standards, with total respect for operator health and safety.

Carefully sized and planned inventory, accurate and customised order management, co-ordinated and timely transits, and continuous customer service up to and beyond order shipments, make logistics another great success that closes the Azichem production circle.

For all these reasons, for the organisation, precision and safety of its production system, Azichem has been certified according to the **"ISO 45001:2018 - Management System for Occupational Health and Safety"**, the first international standard to define standards of good practice for the protection of workers worldwide.



- ① Pneumatic unloading of powdered raw materials into storage silos.
- ② Feeding via screw conveyor of raw materials into the weighing-propulsion unit.
- ③ Pneumatic conveying of raw materials to the powder mixer.



④ Packaging of premium raw material compounds in powder form into bags of variable weight.

⑤ Transport of compound bags to the bucket elevator.

⑥ Emptying of compound bags using an automatic manipulator.

⑦ Automatic labelling of product bags and positioning into the automatic bagging and sewing machine. Packaging of finished powder products and transport via automatic conveyor to the palletizer.

⑧ Transport of complete pallets of powder products to the automatic stretch wrapper.

⑨ Loading of packaged pallets onto suitable transport vehicles.

① Pneumatic unloading of liquid raw materials into storage silos.

② Pneumatic conveying of predetermined quantities of raw materials to the liquid mixer.

③ Manual feeding of premium liquid raw materials into the mixer in predefined quantities.

④ Pneumatic conveying of finished mixed products to the liquid filling machine.

⑤ Packaging, labelling, and palletizing of finished liquid products using an automatic manipulator.

⑥ Transport of packaged pallets onto suitable transport vehicles.

Technical Consultancy and Training

The professional training and refresher courses constantly scheduled by Azichem's technical and sales divisions, are both a necessity and an opportunity for skill enhancement for in-house and independent operators.

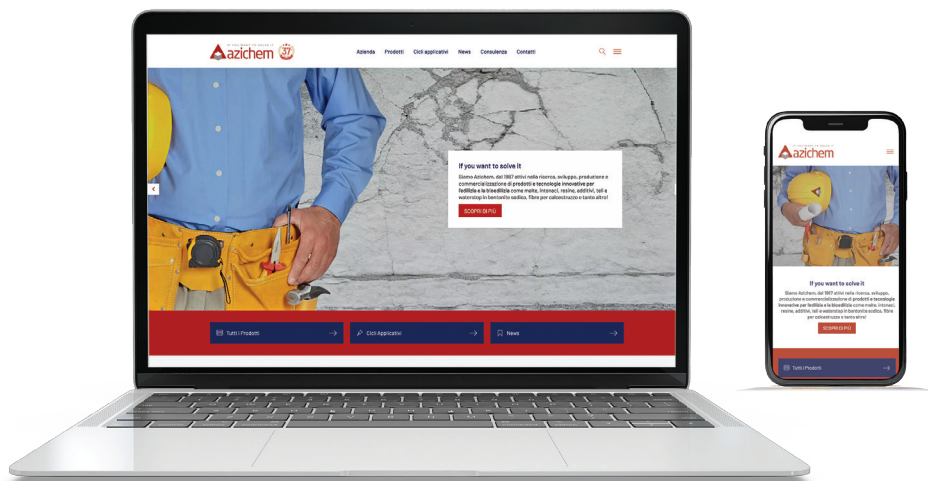
The purpose of continuous training is to ensure the **correct and most effective use of the products**.

Our courses aim to disseminate knowledge of the products and the correct techniques for using them, and provide updates on technological and regulatory developments.

All this allows the operator to work efficiently, providing precise, detailed, reasoned, informed proposals at the customer's specific request. **Azichem's experienced staff are available for quick, effective consultation.**

We are at your disposal to provide advice that will enable you to choose the right product for your construction site and, with our guidance, achieve the exact result you need.

*Visit our corporate website **www.azichem.com** for detailed descriptions of all our products, with their advantages and features, their certifications, data sheets, detailed technical manuals, and specifications.*





www.azichem.com

FOLLOW US ON:



Products and Technologies

To do an excellent job, you need perfect knowledge of the issues you will be dealing with as well as a great deal of technical experience in the field. At Azichem, we support thorough, in-depth training, complemented by appropriate training documents that are continuously updated and easily accessible.

In addition to our prestigious and comprehensive corporate portal, we have also developed **12** other **thematic websites** that provide extensive descriptions of Azichem's most representative and innovative products and technologies. This offers our partners, customers, and collaborators the opportunity to enhance their specific expertise.

More than **300 products** are available and described in our general catalogue, all of which can be easily accessed via the company portal **www.azichem.com**. To easily identify the product best suited to your needs and quickly pinpoint the correct solution to your problem, you can refer to our product lines, families, and functional categories, and consult our wide range of products to meet the most diverse designer and installer requirements.

THEMATIC SITES

OSMO Cem www.osmocem.it	GROUT Power www.groutpower.it
PRO Seal www.pro-seal.it	READY Mesh www.readymesh.it
SYNTECH H.a.g. www.syntech-hag.it	OPUS Dry www.opus-dry.it
PROTECH Balcony www.protech-balcony.it	FLOORTECH Prerit www.floortech-prerit.it
SYNTECH Poliurea www.syntech-poliurea.it	SANA Geb www.sanageb.it
CONCRETE Repar www.concrete-repar.it	SANA Wall www.sanawall.it

PRODUCT LINES

 aqua
 infratech
 building
 opus
 floor
 sanageb

Concrete restoration

Waterproofers

Bentonite sheets
and elastic bands

Resins, anchors,
sealants and TNTs

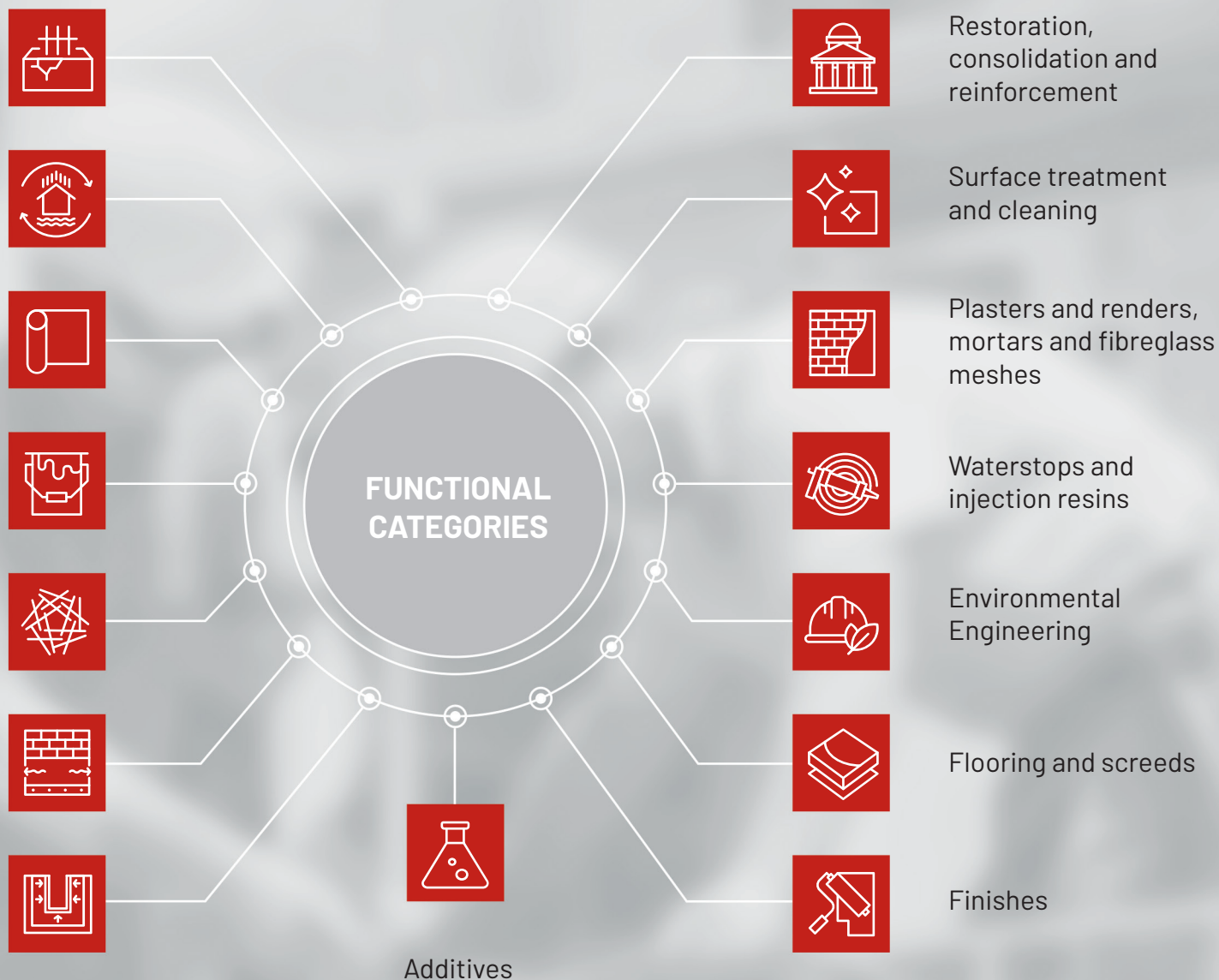
Fibres for
concrete

Remediation
and insulation

Osmotic cements

6

Product Lines



15

Functional categories

300

Products

12

Thematic sites

On the construction site...

1. Structural restoration and consolidation of masonry structures.
2. Consolidating and water-repellent solutions for general masonry.
3. Chemical barriers against rising damp.
4. Wall consolidation with lime or cement-based injectable grouts.
5. Natural, consolidating solutions for powdery plasters and renders.
6. Cement and polymer waterproofers for terraces, balconies and flat roofs.
7. High performance, fibre-reinforced structural plasters and renders for general masonry.
8. Dehumidifying, macroporous plasters and renders for remediating damp walls.
9. Mortar for stuccowork, grouting and reconstruction of grout joints and widths, fair-faced, for historic buildings.
10. Products for the restoration, remediation and protection of deteriorated reinforced concrete.
11. Very high elasticity waterproofing with pure hot-spray polyurea.
12. Complete line of breathable and water-repellent paints, plasters and coatings.
13. Transparent, non-film waterproofer for terraces, balconies and tiled, treadable steps.
14. Macroporous render with hydraulic lime, expanded perlite and cork, for constructing insulating coats with high thermal insulation.
15. Waterproofing of construction connections and joints with sodium bentonite hydroexpansive waterstops.
16. Remediation of basement rooms with dehumidifying, natural, anti-condensation plasters.
17. Waterproofing of basement rooms with flexible, self-bonding membranes of natural sodium bentonite.
18. Structural reinforcement of soils and foundations by pressure injection of hydro-expansive polyurethane resins.
19. Immediate stop of water infiltrations with hydro-expansive polyurethane and acrylic resins.
20. Osmotic cementitious waterproofing for positive and negative hydrostatic buoyancy.
21. Cleaning and permanent removal of mould, moss, and lichens.
22. Pourable, non-shrink cement mortars for anchoring, fixing and structural adjustments.
23. Composite reinforcement systems for the consolidation of civil, period, monumental, and industrial buildings and infrastructure.
24. Specific paints and enamels for swimming pools and substrates in permanent contact with water.
25. Construction or repair of old concrete floors with low-thickness grouts.
26. Glues and adhesives for marble floors and tiles in general.
27. Resin floors and dustproof treatments for indoor and outdoor use.
28. Architectural paving in stone or washed gravel.



We help you solve every possible problem.



ENDLESS SOLUTION

International Experience

Numerous projects around the world in Europe, South America, Africa, Asia and Australia have benefited from our innovative technology and consultancy.

The experience we have gained worldwide has led us to progress our research to design and develop products and systems that can be adapted to suit the most diverse environmental conditions.



SOUTH AMERICA





EUROPE

AFRICA

ASIA

AUSTRALIA

For many years, Azichem has worked closely with highly specialised international partners who act as our distributors and technical-scientific advisors in numerous countries around the world.

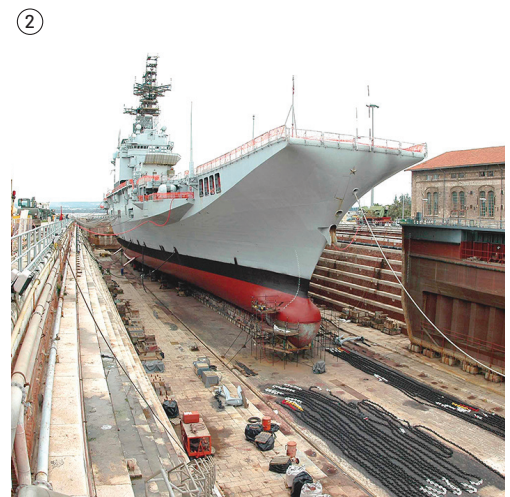
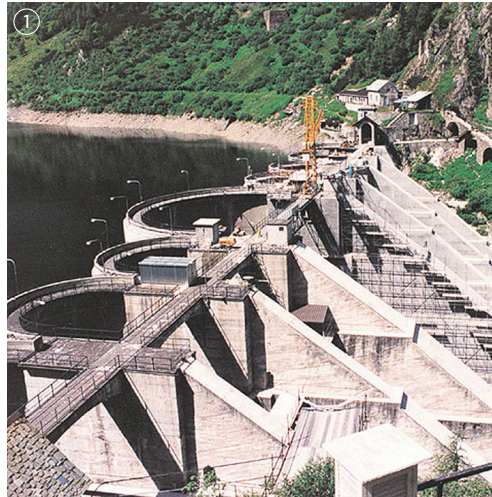
Customers can therefore evaluate the quality and performance of our products, purchase and use them locally in many foreign countries.

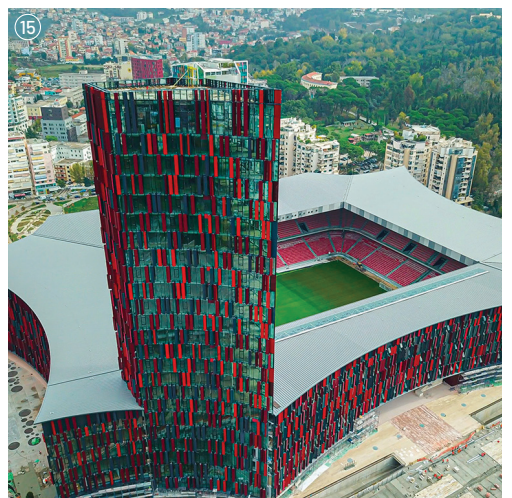
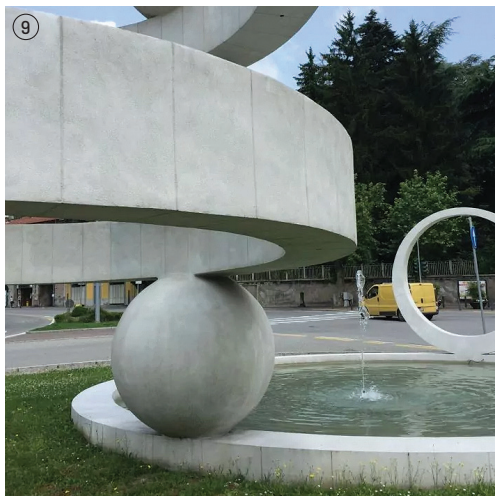
If you are interested in becoming our business partner in your country, please contact our Export Division:

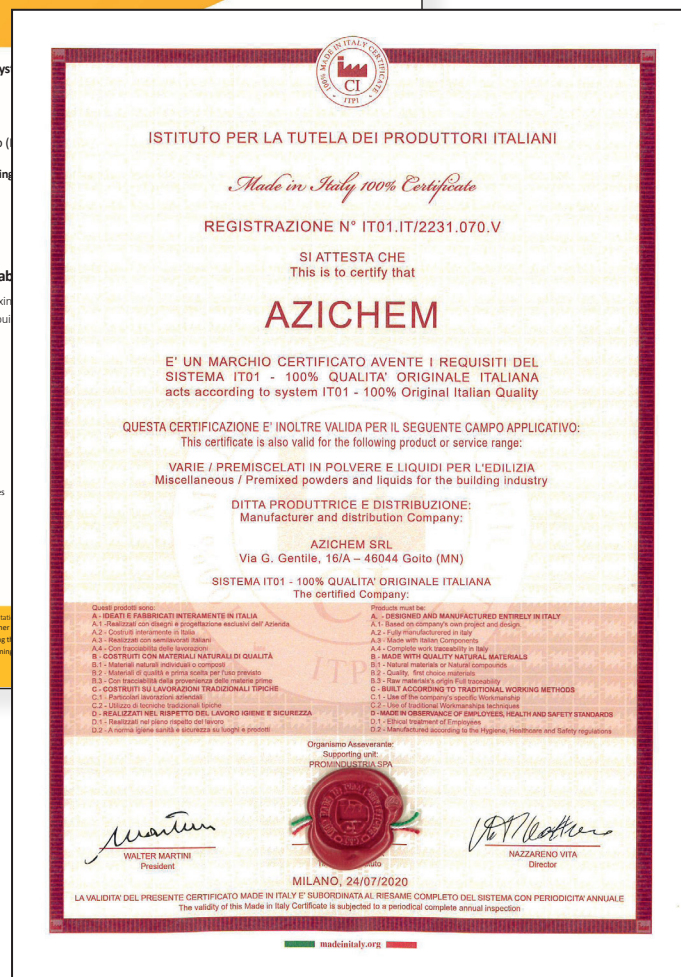
international@azichem.com

Some National and International References

1. Structural adjustment and spray grout application of anti-shrinkage structural mortar of the Venina Lake dam (SO).
2. Structural reconstruction and waterproofing of the side walls of the Ferrati Reservoir (TA).
3. Waterproofing the stations of the new M2 metropolitan railway in Lima (Peru).
4. Execution of the aircraft apron paving at Milan Malpensa Airport (VA).
5. Execution of additive-enriched concrete spray with steel fibres in the San Bernardo tunnel (AO).
6. Waterproofing of the fibre-reinforced concrete of the Velodrome track in Mori (TN).
7. Restoration of the reinforced concrete steps and walkways at the Bahia Naranjo Dolphinarium (Cuba).
8. Conservative restoration and consolidation of the Alessandrino aqueduct (RM).
9. Restoration of the Camerlata Fountain, symbol of the city of Como (CO).
10. Consolidation of the Basilica of Santa Maria Assunta in Torcello (VE).
11. Waterproofing, consolidation and restoration of the Aragonese castle in Le Castella (KR).
12. Construction of pedestrian walkways at the Archaeological Museum of Thebes (Greece).
13. Restoration and dehumidification of the castle of Vlad Tepes (Dracula) in Transylvania (Romania).
14. Remediation and dehumidification of the Capodimonte Museum (NA).
15. Execution of outdoor paving in 'washed stone' at the Air Stadium in Tirana (Albania).







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PARTNERS FOR QUALITY



POLITECNICO
MILANO 1863



LABORATORIO
TECNICO
LOMBARDO



SOCOTEC



UNIVERSITÀ
DEGLI STUDI
DI BRESCIA



Intertek



certimac | ENEA
CNR

MEMBERSHIPS

assorestauro

ENTE NAZIONALE
COMPAVIPER

sociouni



CONFINDUSTRIA
Mantova



ANIT



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