

KRYPTON

magazine

October 2025



Wherever your project is,
we are there

WE DO IT FOR YOU!



NUM. 5

From our subsidiaries to the whole world!: Albania, Germany, Andorra, Saudi Arabia, Algeria, Argentina, Australia, Austria, Azerbaijan, Bahrain, Belgium, Belarus, Bolivia, Brazil, Bulgaria, Chile, China, Cyprus, Colombia, Congo, Costa Rica, Croatia, Denmark, Ecuador, Egypt, United Arab Emirates, Slovakia, Slovenia, Spain, Estonia, Finland, France, Great Britain, Greece, Guatemala, Netherlands, Hungary, Indonesia, Ireland, Israel, Italy, Jordan, Kazakhstan, Kenya, Latvia, Liechtenstein, Lithuania, Luxembourg, Malaysia, Malta, Morocco, Mauritius, Mexico, Nigeria, Norway, Panama, Paraguay, Peru, Poland, Portugal, Puerto Rico, Qatar, Czech Republic, Dominican Republic, Romania, Russia, Senegal, Serbia, Montenegro, Sweden, Switzerland, Tunisia, Turkey, Ukraine, Venezuela



WE DO IT
FOR YOU



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*NEW WEBSITE
to better show
who we are and
what we do!*

Time proves you right or wrong

THE BEST SOLUTION
AVAILABLE AT ANY
GIVEN TIME AND
PLACE

Jordi Cartanyà Vilà

CEO, KRYPTON CHEMICAL

When we started out at Krypton more than 20 years ago, we were clear about our goal: to build something solid, yet flexible and adaptable to everyone. We believed the world was vast, full of opportunities to achieve great things. There is a saying that time proves you right or wrong, and in our case, our commitment to innovation, specialisation and quality opened doors to markets that at the time seemed very far away

Today, expansion is no longer just an opportunity. At Krypton, it is a way of life – part of our very DNA. A DNA built on quality, service and growth. From the early days developing products at the Rovira i Virgili University in Tarragona, to testing them in the pilot plant and setting up our first production facility, our journey led to the opening of our first subsidiary in France in 2006. This was followed by the UK, Italy, Chile, Brazil and Egypt. Some of these ventures no longer exist, some were disappointments, yet others have become sources of pride, success and long-term commitment

Today, Krypton Chemical is present in more than 60 countries, through partners, subsidiaries, offices and distributors who share our vision, our values and our DNA

This expansion has enriched us as individuals, as a team, and as a company. It has pushed us to understand the different needs of each market and each client, adapting ourselves so we can provide the best possible solution at every moment and in every place. It has made us more demanding, more open, and more global

But at Krypton, being international is not only about selling abroad – it is about immersing ourselves in different cultures, respecting diverse ways of working, and ultimately, listening. It means learning to work quickly and efficiently at a distance, while remaining true to our essence – that unique quality which defines us. At Krypton we do not just export chemical products; we export quality, commitment and trust

Achieving this has not been easy. We have faced disappointments and overcome many challenges. We have had to manage distance, uncertainty and complexity. But through it all, we have grown as people and as a team, seeing how effort and well-executed work create value, taking our solutions and systems to many different parts of the world, and instilling a deep sense of pride across the whole Krypton family

Internationalisation has helped us grow – but there is still a long road ahead. Our goal is to continue expanding with humility, quality and innovation, to remain the benchmark in the world of liquid resins

Thank you to each and every one of you who make this possible every day. This success, of course, is also yours.

We do it for you!



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05

Summary

October 2025

Time proves you right
or wrong

03

How and when Krypton
Chemical Italia was founded

05

Egypt, a strategic location

08

Adhesion of polyurethanes
and polyureas

09

Krypton Chemical
training courses

10

How materials behave

11

New legislation and
certifications

12

We talk to
Geert Van Mulders

14

Featured projects:
Waterproofing

16

Featured projects:
Flooring

18

Featured projects:
Protective coatings

19

Corporate Social
Responsibility

20

Our surroundings:
Punta del Pallars

22

KRYPTON CHEMICAL ITALIA

Roberto Ceccarelli, Manager of Krypton Chemical Italy, shares his experience in the founding and development of the subsidiary in that country



After around ten years (2003–2013) of first-hand experience in the field with the marketing and installation of liquid polyurethane systems, I was introduced to a product (Impermax) for cold-applied waterproofing of solar decks subject to heavy foot traffic. Immediately, both the installer and I noticed the significant difference compared with the products we had been using until then, and we quickly saw the major advantages of Impermax: low solvent content, viscosity, coverage, solids content, mechanical resistance, and more.

The greatest challenge of that first decade (2003–2013) was to prove the effectiveness of the system in a country where the widespread presence of flat and pitched roofs, together with historic tradition, strongly favoured bituminous membranes and two-component cement-based mixes. It was difficult to challenge ingrained concepts and working methods: most designers, installers and even the clients themselves, although intrigued by the idea,

preferred to stick to the old systems. In addition, high demand had allowed manufacturers to build an extensive sales network, which made it even harder to find skilled collaborators.

...with
considerable
visibility,
achieved solely
through word of
mouth

Today, we can say that we are present in the market with considerable visibility, achieved solely through word of mouth.

Our sales success has always gone hand in hand with pre- and after-sales service and dedicated customer care. The constant flow of information we receive from site teams enables us to update and improve our processes, methods and materials. Our aim is to ensure the comprehensive use of quality systems and management practices, guaranteeing that our products and their applications are always delivered to the highest standards, meeting every requirement without exception.

Our recommended and certified applicators follow strict quality control guidelines on every project, regardless of size. Thanks to the excellent team of elite chemists at our headquarters, we design, test and oversee our systems; this allows us to create bespoke solutions for our clients, overcoming new challenges where others cannot, and delivering either turnkey solutions or tailored, highly durable coatings. Our expertise covers the entire process – from production through to application.

We all have a responsibility towards the environment and its safety. This is particularly crucial when focusing on: Research and Development:

Research & development

Acquisition

Production

Storage and disposal

Product application

We fully support the global Responsible Care programme launched by the chemical industry. We view the challenge of environmental improvements as a genuine market opportunity. Today, ecological concerns drive nearly 50% of all research and development projects.

One of the company's main objectives has always been the development of environmentally friendly products. Our range of polyureas contains no plasticisers, mineral fillers, heavy metals, volatile organic compounds, solvents or CFCs, and is manufactured according to the principles of green chemistry. We are committed to designing our products with little to no waste, in full respect of both people and the environment.



Bruno Ferrari.
Technical Commercial Manager



Fabio Ahmeti.
Warehouse



Francesca Scialanga.
Administration

Today, ecological concerns drive nearly 50% of all research and development projects

The diversity of formulations, developed from both fossil-based and plant-based raw materials, the quality of these formulations, the careful design of our systems, the increasingly varied fields of application, the certifications and test reports, and the readiness of our products for immediate delivery make us extremely competitive in an increasingly demanding and attentive market.

The challenges that lie ahead, the projects we have undertaken, and those yet to come make us increasingly aware of the need to cooperate and engage with KCS and all other members of the KC group, pursuing the shared goal of consolidating and expanding the brand worldwide.

All of this makes the KCI team a winning and consolidated force



Liuba Mason.
Expeditions

Michele Alunno.
Logistics



Oliviero Mascheroni.
Sales Representative

Roberto Ceccarelli.
Krypton Chemical Italia Manager

By the end of 2025, the construction of a new warehouse (doubling the existing facility) is planned for the storage of Hot Spray and complementary formulations. Space will also be allocated within the current facilities for the production of water-based formulations. This expansion will add two more employees, bringing the total workforce to nine.

We have secured significant supply agreements related to the refurbishment of major projects and public buildings. Meanwhile, thanks to the collaboration

we maintain with our certified applicator partners, we are working on very large and important projects. Comparing the first six months of 2025 with the same period in 2024, we can report that turnover has increased by more than 15%.

...the construction of a new warehouse (doubling the existing facility) is planned for the storage of Hot Spray and complementary formulations

EGYPT, A STRATEGIC LOCATION



At Krypton Chemical, we believe that being close to our clients is essential to delivering high-quality service.

That is why, as part of our international expansion strategy and with the aim of strengthening our presence in key markets, we have identified Egypt as a strategic hub for consolidating our operations in the Middle East region and Africa.

Following the inauguration of our new factory in 2024, this year we are taking another step forward with the opening of new offices and active participation in both regional and international trade fairs. Among these, the Big 5 Egypt stands out as one of the most significant events in the regional construction industry.



From this new office, and with a highly qualified team led by Naser Malkawi, we strengthen our commitment to delivering specialised solutions and high-performance systems – tailored to local needs, yet with the quality and reliability that define us globally. We continue to move forward, supporting high-value projects in the region, as the New Capital project, and taking our expertise beyond borders.



KRYPTON CHEMICAL UNITED KINGDOM

A highly technical market in the waterproofing sector

Our presence in the United Kingdom allows us to be even closer to a dynamic and highly technical market, where reliability and regulatory compliance are essential. From Krypton Chemical UK, we provide commercial and technical support tailored to local requirements, with a team that has in-depth knowledge of both our systems and the specific needs of the British sector.

Thanks to this office, we can respond swiftly to our clients, work closely with applicators and engineering firms, and ensure that our solutions are delivered with the quality and technical support that define us. A solid foundation for continued growth in a market that values well-executed innovation.

TECHNICAL CENTER SPRAY SYSTEMS

The Netherlands, a benchmark in advanced training

Our office in the Netherlands has established itself as a centre of excellence in technical training, specialising in hot-spray polyurea application. Led by Jos de Graauw, one of the world's foremost experts in this technology, we train applicators and technicians from across the globe who seek to master the most demanding and specialised techniques in the industry.

This space not only reflects our commitment to continuous professional development, but also underlines our dedication to quality execution on site. Because a good system begins with solid knowledge – and in the Netherlands, we take that principle to the highest level.

KRYPTON CHEMICAL FRANCE

Experience and proximity in the heart of Europe

In France, our operations are supported by a commercial team with extensive experience in the sector, active in the market since 2010. Their focus on waterproofing and flooring systems has given them deep knowledge of the French market and direct contact with key players in the industry.

ADHESION IN POLYURETHANE AND POLYUREA

Key factors for good adhesion in polyurethane and polyurea applications

Mario Pérez.

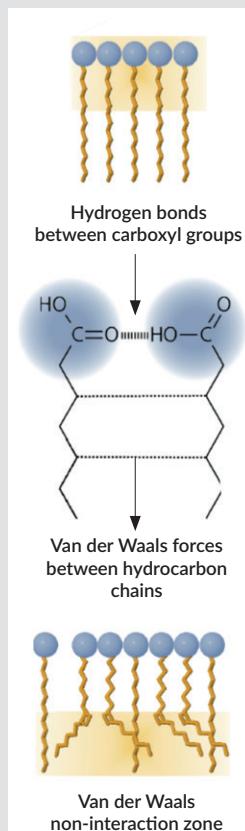
Quality Dept. of Krypton Chemical.

Continuous polyurethane (PU) and polyurea (PUA) membranes stand out for their excellent mechanical properties and resistance to fluids and chemical agents. They are used not only in waterproofing and flooring, but also in demanding applications such as coatings for chemical containment tanks, anti-corrosion protection in biogas fermenters, sewage treatment plants and marine environments.

They are always part of a system composed of several layers with specific functions: a primer that promotes adhesion and protects the surface, the membrane that provides the required properties, and a finish that provides UV protection as well as colour and appearance. In this context, adhesion is a critical factor: a membrane with excellent properties is worthless if it is not properly anchored to the substrate.

Different substrates require specific considerations. Concrete, which must have a minimum cohesion of 1.5 N/mm^2 to prevent disintegration, usually offers sufficient roughness. On metal, sandblasting or shot blasting is essential to achieve profiles of $60-80 \mu\text{m}$ that allow for good anchoring. In contrast, polyolefins (polyethylene, polypropylene), which are smooth and inert,

There are different types of adhesion. The strongest is chemical adhesion, when bonds are formed between the layers. These include covalent bonds (C-C, C-H, C-O, C-N, O-H, N-H), hydrogen bonds (R-C=O...H-O-R') and Van der Waals forces, resulting from the attraction between grouped polymer chains.



Another mechanism is mechanical adhesion, which occurs when the branches of the polymers penetrate the irregularities of the surface. Hence the importance of generating an adequate roughness profile, which, combined with chemical bonds, ensures a solid anchorage. On the contrary, a smooth and inert substrate, incapable of mechanical or chemical interaction, will present adhesion problems.

generate hardly any Van der Waals forces; only after treatment incorporating reactive groups such as alcohols (-OH) can they form hydrogen bonds or chemical bonds.

Surface cleanliness is another decisive factor: dust, oils or contaminants that prevent intimate contact between layers drastically reduce adhesion.

In vertical applications, the relationship between adhesion and membrane weight must also be considered. If the adhesive force is less than the applied weight, the membrane may slip (). For example, when coating metal tanks, if the substrate sheet is less than 4 mm thick, it cannot be sanded sufficiently to exceed the minimum roughness of $60-80 \mu\text{m}$; in this case, adhesion will be limited and the membrane thickness should not exceed 1 kg/m^2 . If greater thicknesses are applied, the risk of detachment increases.

Finally, even with good product selection and surface preparation, the application must be carried out rigorously. A correctly executed system will more than meet expectations, while incorrect practices, such as the addition of incompatible solvents, can lead to loss of adhesion and poor performance.

In conclusion, the success of PU and PUA systems depends on detailed substrate analysis, surface preparation, proper product selection, and careful application.



THEORETICAL AND PRACTICAL TRAINING FOR COLD AND HOT APPLICATIONS



we do it for you.



What do we offer?



The secrets of high-quality polyurea membranes



Machinery and spray guns for hot applications



Spray systems and techniques for hot applications



Techniques for the best cold application of polyureas

TRAINING FOR HOT APPLICATIONS

TRAINING IN THE NETHERLANDS: HOT SPRAY APPLIED

Location: Technical Center Spray Systems, Zeeland.

TRAINING IN SPAIN: HOT POLYUREA APPLICATIONS

Location: Krypton Chemical
L'Hospitalet de l'Infant, Tarragona.

TRAINING FOR COLD APPLICATIONS

COLD POLYUREA APPLICATION

Location: Krypton Chemical
L'Hospitalet de l'Infant,
Tarragona, Spain.

TRAINING PRICE

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More information: training@kryptonchemical.com

UNDERSTANDING HOW MATERIALS BEHAVE

The science of rheology at Krypton

At Krypton Chemical, we work with polyurea and polyurethane systems that change from a liquid to a solid state during application. To ensure that these materials perform correctly on site—whether sprayed, rolled or poured—it is essential to understand how they flow, deform and respond to stress.

This is where rheology comes into play, the science that studies the behaviour of materials when a force is applied to them. Thanks to rheology, we understand how a product behaves during application and what properties it will have once cured.

What does rheology study?

The two key concepts are:

- **Viscosity:**

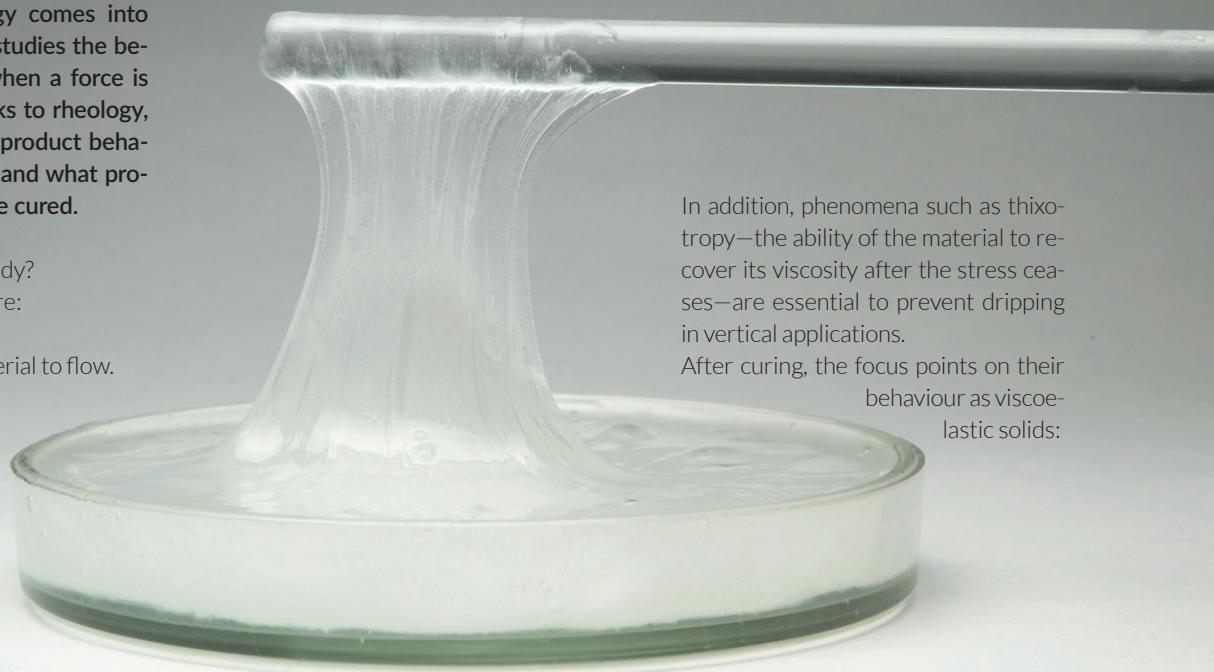
The resistance of a material to flow.

- **Elasticity:**

The ability to recover its shape after deformation.

In practice, almost all real materials combine both properties: they are viscoelastic. How they behave depends on variables such as time, temperature, or the type of stress they are subjected to.

For example, a tyre bounces when thrown on the ground, but deforms if left under weight for a long time. Water flows and dissipates energy, but a drop can also bounce briefly. Even glass flows very slowly over the years, as demonstrated by old stained glass windows, which are thicker at the bottom.



Rheology helps us design products that can be applied safely and with control

Applied to our products

Polyurea and polyurethane systems are non-Newtonian fluids: their viscosity changes depending on the type of stress. This directly affects how they are applied: their behaviour varies if they are sprayed, rolled or brushed on.

In addition, phenomena such as thixotropy—the ability of the material to recover its viscosity after the stress ceases—are essential to prevent dripping in vertical applications.

After curing, the focus points on their behaviour as viscoelastic solids:

Resistance, deformation, durability... All of these parameters guarantee mechanical performance in service.

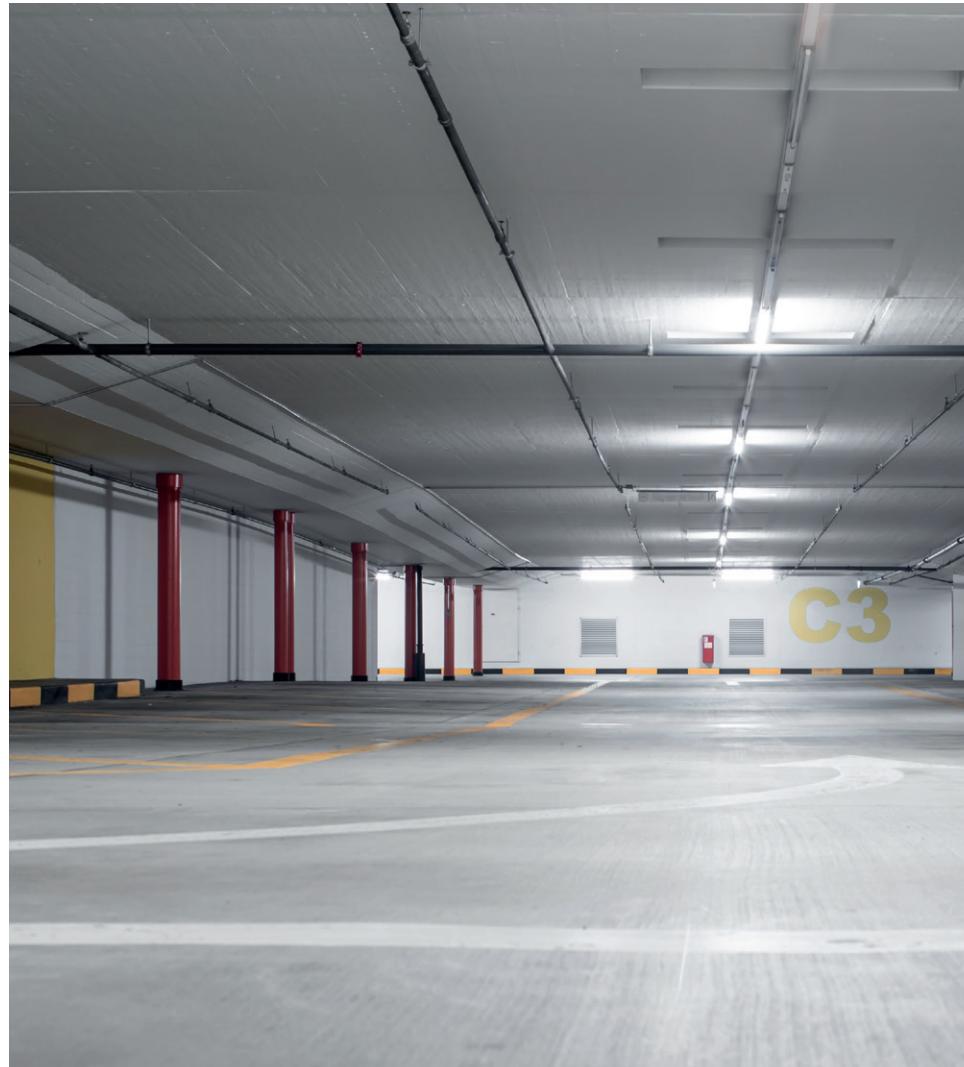
In short, rheology helps formulating products that can be applied in a controlled and safe manner, and offer the right performance once installed. It is an essential tool for understanding and optimising both the process and the resulting membrane.

NEW CERTIFICATES AND SYSTEMS

NEW CERTIFICATES FOR KRYPTON CHEMICAL PRODUCTS AND SYSTEMS

At Krypton Chemical, we devote a significant portion of our resources and efforts to obtaining new certifications that guarantee the properties of our products and systems, adapting to market needs. In this regard, we have made a great effort to obtain the following certificates:

- **OS10** for one of our continuous flooring systems, RAYSTON FLOOR PUA 30 PARK. **OS10** is a surface protection system (oberflächenschutz) defined in the technical rule for the maintenance of concrete structures (TR Instandhaltung) and regulated by the DAFSTB Directive (German Committee for Reinforced Concrete). The OS10 system acts as a protective barrier with strong sealing properties, designed to safeguard cracked concrete elements in high-traffic areas such as car parks.



These are its main characteristics

- Ability to bridge existing and new cracks caused by thermal shock and/or structural stresses, classified as IVT+V according to the DAFSTB guide.
- Safeguards against harmful elements such as salts, fuel or oil, or water, protecting the concrete and reinforcing the steel against oxidation.
- Ideal for roofs exposed to extreme climates, bridges, tunnels or types of soil subject to thermal and mechanical stress.

This certification complies with standards such as DIN 1504-2 and *TR Instandhaltung*, with fire safety tests (such as BFL-S1, with low flammability) and compliance with the base material.

DAP, Environmental Product Declaration

We are also pleased to share that we have obtained several EPDs for our products, such as RAYSTON FIRE E, IMPERMAX 2K, IMPERMAX POLYUREA H and POLYUREA RAYSTON.

This certification is a standardised document that provides quantitative and verifiable information on the environmental impact of a product throughout its life cycle. It is based on ISO14025 standards, and its importance lies in its assessment of the sustainability of materials or products. **At Krypton Chemical, we continue to work to expand our catalogue of EPD-certified products.**

New certificates and tests for IMPER-MAX POLYUREA H SUPREME

We have obtained **ETE certification for roof waterproofing** for one of our most versatile hybrid polyureas. Impermax Polyurea H Supreme's main feature is its high elongation at break, exceeding 650%. This makes it particularly suitable for application on poorly settled struc-



tures or those subject to significant structural movement.

In addition, we have evaluated its resistance to hail according to European standard EN-1358, obtaining excellent results. This allows us to offer a system specifically designed to provide additional protection for roofs against increasingly frequent extreme weather events, such as hailstorms that are becoming more violent and aggressive.

THE NEW SAFETY REGULATIONS

- **NEW CPR** The new CPR Regulation (EU) 2024/3110 of the European Parliament and of the Council of 27 November 2024 on the marketing of construction products (*Construction Products Regulation*) has been gradually implemented during 2025, but will be mandatory from 8 January 2026. With regard to our field, liquid waterproofing in construction, this regulation reinforces the technical, safety and environmental sustainability requirements of our products..

Key aspects of the new CPR in this context

1. The Declaration of Performance (DoP) is now called DOPC, as it incorporates new information: it must not only include technical characteristics (impermeability, adhesion, UV resistance, elongation, emissions and energy consumption). **That is why at Krypton Chemical we certify EPDs, not only because the market is, but also because these new certifications will eventually be required to obtain CE marking.**

2. Digital Product Passport (DPP): for priority products, such as liquid membranes, a digital passport is created that contains all the product information: technical specifications, environmental data, traceability and intended use.

3. Staggered environmental requirements:

In 2030: Other basic environmental metrics (water, resources) will be included.

And by 2032: More sustainability indicators will be added (recyclability, toxicity, etc.).

4. Revision of harmonised standards (hENs)

Technical performance standards (e.g. EN 15804 for membranes) are being updated to include these requirements. Once updated, manufacturers will have one year to comply with these specific standards.

- **THE RSCIEI** (Regulation on Fire Safety in Industrial Establishments) has been completely updated and replaces the previous one, RD 2267/2004, by **Royal Decree 164/2025**, published on 4 March 2025. It came into force on **10 May 2025**, with a voluntary period of six months until **10 November 2025**, when its application will become mandatory for new projects. It is intended to modernise fire safety regulations in industrial environments, raising technical requirements, incorporating flexible design methods and strengthening inspection, documentation and technical management.

You can consult the new features of the regulation in BOE-A-2025-7190 Royal Decree 164/2025, of 4 March, approving the Fire Safety Regulations for Industrial Establishments.



Geert Van Mulders

Interview with Geert Van Mulders, Export Manager for Northern Europe

Talking to Geert Van Mulders, you understand that, beyond figures and targets, commercial work is based on human relationships. With extensive experience in the international team, he has seen how the brand has grown in recognition, but also how the real value continues to lie in what cannot be seen: actions, close contact and the ability to build trust

“Trust cannot be sold: it must be earned”



What would you say is the most important thing when it comes to establishing a lasting business relationship?

Beyond the number or sales target, the most important thing is the actions you take to get there. It's not enough to offer a good product. Today there are many manufacturers on the market, and they are very competitive, so the real question is: why do they want to work with you? The answer usually lies in how you manage to remove barriers and create a long-term business relationship based on transparency.

What barriers are you referring to?

There are all kinds. Language, for example, can be a barrier, but so can poor communication or the feeling that you are too far away. That's why we take such care with our contact, factory visits and always being available for the customer. All of this creates closeness. We make a constant effort to make the customer feel that we are by their side, even if there are thousands of kilometres between us.

How do you generate that closeness from a technical standpoint?

Our technical approach plays a key role here. Customers trust us when they know they can count on us to solve problems. And that's especially noticeable in projects. We don't just go out to sell, we go out to provide solutions. The work we do, for example, with Jos de Grauw in training and visits, is essential: we identify problems, solve them together, and that strengthens the entire relationship. That trust, when achieved, is the best foundation for selling.

You started out years ago with more of a “cold calling” strategy. How has that changed?

Yes, that's how it was at the beginning: knocking on doors, together with Hugo Herault, the founder of Krypton Chemical. We did some very important work and opened up markets that had never been touched before. It was a pleasure to work with such a skilled person, and we all learned a lot during those years. Today, at , we have a recognised brand, a consolidated customer base and a Technical Office that provides solid support. We are no longer a novelty, we are now a benchmark, and that changes the conversation. But even so, we continue to nurture each relationship as if it were our first. Our motivation is that we do not want to lose a customer, nor can we afford to.

How do you balance the commercial and technical aspects?

For me, a good salesperson cannot just be a “salesperson”. They have to understand the technical side of the product and know how to interpret it in terms of what the market needs. It's a combination of commercial vision, technical knowledge and a lot of intuition about where we are going and what the customer is going to need.

Is there anything that should never be missing in a commercial relationship?

Yes: authenticity. Knowing how to talk, knowing how to listen... Salespeople tend to talk too much, myself included at times. But active listening is essential. Connecting with a customer or market is often easier if we listen carefully because they themselves will give us the keys to the solutions they need and the dynamics they work with, as well as the dynamics of the market itself. It is essential to understand that good sales is always a joint effort with the customer.

The relationship with a customer must be transparent, relaxed and honest. When there is pretence, it shows. When it is real, it becomes trust. And trust, as I was saying, cannot be sold; trust is always earned.



Featured Projects: **Waterproofing**

NEW WATERPROOFING OF SLOPING ROOF ARGENTINA

Basic description:

Location: Buenos Aires Police Control Centre

System: IMPERMAX POLYUREA H FLEX

About the project:

Highly elastic, fast-curing hybrid polyurea system. Contains more than 50% pure polyurea. ETE certified according to EAD 030675-00-0107 (No. 21/07/40) for waterproofing bridge decks. It also has hail resistance certification according to EN-1358.



WATERPROOFING OF MOTORWAY BRIDGE

IRAK

Basic description:

Location: Gran Faw Port, Alfaw

Surface: 25.000 m²

System: RAYSTON PROOF BRIDGE:

Epoxy 100 Primer + Impermax Polyurea H Flex

About the project:

Rayston Proof Bridge is a highly elastic, fast-curing hybrid polyurea system. It is ETE certified and hail resistant certified. Highly elastic, ideal for withstanding structural movements. Its fast curing allows for rapid commissioning.



ROOF OF THE FRENCH EMBASSY IN ATHENS

GREECE

Basic description:

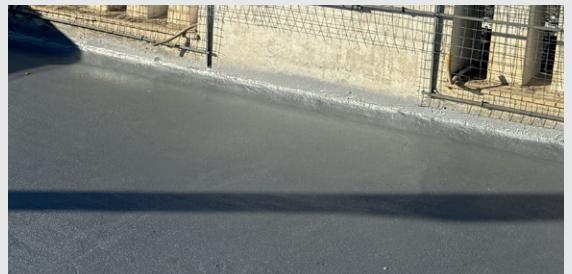
Location: French Embassy in Athens

System: RAYSTON PROOF FOAM ALUMINIUM

Rayston Spray Foam 50W + Impermax Polyurea H Flex

About the project:

This system is an ideal option for waterproofing and encapsulating large roofs with irregular supports. With this system, we ensure the long-term durability of roofs with little traffic. It is ETE 16/149 certified and certified for asbestos encapsulation in accordance with UNI 10686:1998.



WATERPROOFING OF UNDERGROUND CAR PARK ARGENTINA

Basic description:

Location: Jorge Newbery Metropolitan Airport in Buenos Aires

Surface: 11.000 m²

System: 100 Primer on concrete substrate + Impermax Polyurea H Flex

About the project:

Complete waterproofing of the underground car park on land reclaimed from the Río de la Plata. The images show the process of priming the substrate and applying IMPERMAX POLYUREA H FLEX.



WATERPROOFING THE FOUNDATIONS OF A SHOPPING CENTRE PERÚ

Basic description:

Location: Real Plaza Shopping Centre, Piura, Peru.

Surface: 14.600 m²

System: POLYUREA RAYSTON

About the project:

POLYUREA RAYSTON is a high-strength liquid membrane that guaranteed complete waterproofing of the foundations. Its continuous, joint-free application provides an effective barrier against moisture and external agents, ensuring the durability and structural safety of the shopping centre. An ideal solution for large-scale projects where protection and reliability are essential.



WATER PARK AT A CAMPSITE FRANCE

Location: Water park at 'L'Eden' Campsite, Camargue, France

Surface: 400 m²

System: RAYSTON PROOF PUA POOL

Epoxy 100 Primer + Polyurea Rayston + Paintchlore 2K

About the project:

Rayston Proof PUA Pool is the ideal choice for waterproofing sports pools, parks or aquatic facilities, as its excellent chemical resistance allows contact with chlorinated and salt water. It has excellent adhesion to concrete and high crack bridging capacity. It is also very suitable for application on different geometries.



Featured Projects: Flooring

NEW PARKING FLOORING BALEARIC ISLANDS

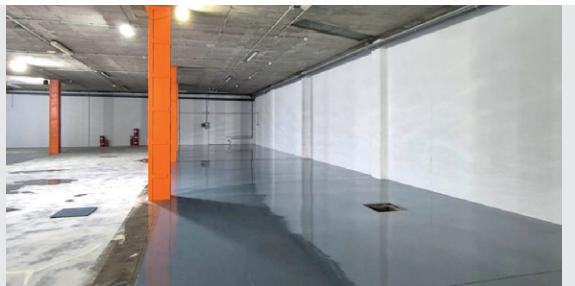
Basic description:

Location: Flexicar car park, Palma de Mallorca, Islas Baleares
Surface: 1.750 m²

System: RAYSTON FLOOR PAS 10:
 Primer Epoxy 100 + 1st coat KRYPTANATE M (RAL 7031 Grey) + 2nd coat KRYPTANATE M (RAL 7040 dark grey) + Aggregates: fine anti-slip finish.

About the project:

KRYPTANATE M is a two-component, high-solids, solvent-based polyaspartic coating. It is particularly suitable for protecting surfaces where a fast return to service is required. It offers excellent adhesion and high resistance to abrasion and corrosion.



CAR PARK FLOORING IN NORWAY NORWAY

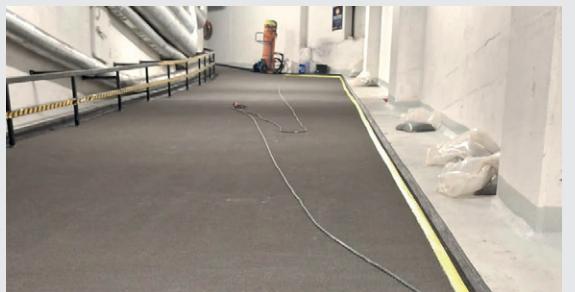
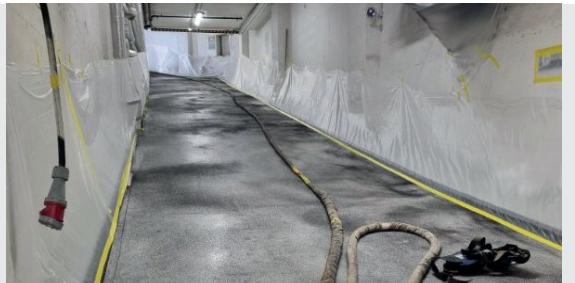
Basic description:

Location: car park in central Oslo

System: RAYSTON FLOOR PUA 30 PARK:
 Epoxy 100 Primer + Rayston Floor D50 FR + Kryptanate 100 LV

About the project:

For this pavement rehabilitation project, the Rayston Floor PUA 30 PARK system was chosen for its fast curing and commissioning, excellent gloss retention, good adhesion, and especially its high resistance to low temperatures, due to the location and characteristics of the project.



NEW FLOORING FOR INDUSTRIAL KITCHEN GERMANY

Basic description:

Location: industrial kitchen in Germany

Surface: 1500 m²

System: RAYSTON FLOOR PU 30
 EP 100 Primer + Pavifloor + Colodur

About the project:

RAYSTON FLOOR PU30 is an ideal option for coating floors in industrial premises, warehouses, shops, and factories. It presents an excellent adhesion to concrete, mortar, and stone substrates; good resistance to abrasion, compression and impact; easy to clean.



Featured Projects: Protective Coatings

UNDERGROUND COATED PIPES COLOMBIA

Basic description:

Location: Colombia

Civil engineering work: Installation of underground pipes for rainwater drainage, Colombia.

System: KRYPTON PROLINE CH55.

About the project:

Krypton ProLine CH55 was chosen for its chemical and moisture resistance in immersion applications, its high impact and abrasion resistance, and its maximum protection in underground and overhead pipes. It also has minimal permeability to gases such as radon, methane and CO2.



SPECIAL COATINGS MÁLAGA

Basic description:

Location: Integrated Services Centre for Strategic Airport Development

Surface: 1.000 m²

System: KRYPTON PROLINE AB H:
Krypton ProLine PU AL Primer + Krypton ProLine AB85H

About the project:

This project was based on the anti-corrosion protection of an exposed metal structure with corrosion problems. To this end, a system was chosen that, once the surface had been cleaned, guaranteed long-lasting protection based on hybrid polyurea with special properties for anti-corrosion protection, as well as protection against abrasion and impact.



THEMATISED FIGURES FOR A PARK NORTHERN IRELAND

Basic description:

Location: Hillsborough Forest Park, condado de Down

System: KRYPTON PROLINE 60 EPS

About the project:

This project consisted of applying a protective coating to various large-scale thematic figures intended to be placed in a natural outdoor environment. Krypton ProLine EPS, a modified, fast-curing polyurea resin formulated for application on expanded polystyrene foam (EPS), among other materials, was chosen for this purpose to obtain a hard and flexible membrane.



CSR

Corporate Social Responsibility

At our company, we also continue to work towards a fairer society. To this end, we continue to do our bit to support various causes and projects with which we deeply identify, due to their values of solidarity, effort, self-improvement and contribution to society.



Swimming for a cause that moves us

On 10 May, we had the honour of participating in the **fourth edition of Swim for ELA**, a charity swim between Calafat and Cambrils (Tarragona), with a very clear objective: to raise funds for research into Amyotrophic Lateral Sclerosis.

Krypton Chemical sponsored and supported one of the participating teams, and it was exciting to be closely involved in such a worthwhile initiative. Seeing the effort, dedication and determination of all the swimmers — even against the sea — was truly inspiring.

It was a day that reminded us of the true meaning of teamwork and solidarity in the service of science.

www.swimforela.com



Social Work of the Sant Joan de Déu Hospital

In the same vein of research and healthcare, we have recently renewed our commitment to the Social Work Department of the Sant Joan de Déu Hospital in Barcelona, a benchmark in highly specialised paediatric hospital care with over 155 years of history. It is also a nationally and internationally renowned research centre for paediatric diseases. We continue to do our bit to:

- Research into serious childhood diseases
- New healthcare units
- New cutting-edge medical treatment equipment
- Emotional humanisation programmes for children in hospital
- Support programmes for families in need

Our company encourages our customers and friends to join this initiative at: solidaritat.santjoandedeu.org

Krypton Chemical and sport

At Krypton Chemical, we believe in the power of effort, perseverance and self-improvement. That is why, in addition to supporting medicine and research, we are also committed to sport as a driver of values and personal growth.

We are proud to sponsor **Mia Montesinos**, a rising star in Spanish jiu-jitsu, who, with dedication and the support of many, has achieved the highest positions in international competitions with exceptional results. Mia started in this discipline at the age of 6 and is an inspiring example to us all for her remarkable dedication, desire to excel, sacrifice and perseverance. She has won over a hundred national and international titles, including the IBJJF European Champion title in 2023 and 2024, and the AJP Abu Dhabi World Championship title in 2023.



You can find out more about Mía at:
www.instagram.com/mia_montesinos_bjj

LET'S CELEBRATE KRYPTON DAY 2025



Like every year, at Krypton Chemical we take a day to stop, look at what we have done so far and think together about where we are going. It is **our annual celebration**: a day to share strategies, ideas, proposals... and, above all, to reinforce the team spirit that drives us. But it's not all work: there is also time to disconnect, laugh and enjoy ourselves together outside the usual environment.

After a morning full of contributions, discussions and plans for further improvement, in the afternoon we swapped our chairs for the deck of a boat and our screens for the blue sea. A trip along our coastline, a dip in the sea, good company... and a sunset that was the perfect end to a perfect day.



La Punta del Pallars

Summit of Punta del Pallars via Mola de Nadell

Guifré Porqueres. Financial Department

The route starts and ends at kilometre 3.8 of the C-44 road (after the Pratdip junction and before Masriudoms). You can leave your car in a small space at the start of the forest track. Start walking and turn right at the signpost towards Coll de Puntalt, following the white and yellow markings of the PR-C 90.

When you reach a junction marked on the map as Racó Gran, the terrain begins to slope upwards along a path and you start to climb steeply. It doesn't take long to enjoy some magnificent views; the start is very promising.

We see Coll de Puntalt, which we can distinguish because there is a signpost that is clearly visible. The trail continues climbing with magnificent views. You can see the sea; it's all very beautiful.

At Coll de Puntalt, we stop to admire the landscape, and a signpost tells us that we have to head towards Grauet de Nadell, so that's where we go, and soon we come across a rope that is very useful for getting over some rocks. Shortly after the rope, we come to Grauet de Nadell, a pass equipped with a chain to get over a few metres of rock. It is an easy pass, the chain is very useful, and there are no major difficulties. As long as you take your time, there should be no problems.

After Grauet de Nadell, we come to another signpost, which we leave on our right, and continue climbing through an open space with enormous views before reaching Mola de Nadell, the first peak of the day.

The Mola de Nadell is a peak with great views. On the other side of the ravine, we can see the Punta del Pallars. In fact, the Mola de Nadell is higher than the Punta del Pallars, and the Molló Puntaire looks enormous. There are spectacular views from the Mola de Nadell.

We continue on almost flat ground, passing another signpost. We continue straight ahead and a little further on, at another signpost, we turn right to descend towards Coll de les Portes, a very beautiful descent where we can see Punta del Pallars right in front of us, which seems closer than it actually is. Shortly before the end of the descent, we pass Cova de l'Andreu, a small cave.

We arrive at Coll de les Portes and begin the climb to Punta del Pallars (it is a round trip from Coll de les Portes). The trail is not very well marked and is the wildest part of the route. Little by little, we approach Punta del Pallars, which seemed closer





than it actually is, but the trail takes us to the small pass just below Punta del Pallars. We will have to climb the rock to reach the summit, an easy climb that leaves us at the top with a spectacular view of Punta del Pallars. It has two peaks, and between them a small pass. The easternmost peak offers spectacular views of the Mediterranean Sea, 360° of pure enjoyment. We return to the real summit of Punta del Pallars to enjoy it. We can now see Mola de Nadell on the other side of the ravine, a very lonely and beautiful peak. The views are extensive and spectacular.

We return to Coll de les Portes, and from there we begin the descent, this time along a track, the Camí de les Portes, a comfortable and easy descent that will take us back to the starting point of the route

Trip sheet

ELEVATION GAIN

500 m Aprox.

DURATION

4 hours. aprox.

DIFFICULTY

Medium

EQUIPMENT

Long trousers
and technical footwear

For those of you with GPS, you can download the track

<https://ca.wikiloc.com/rutes-senderisme/punta-del-pallars-mas-riudoms-hospitalet-de-linfant-tarragona-senderismo-100-cims-108651525>





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