



IKO flexia liquid waterproofing

**Solutions for details, roofs, balconies, car parks
and concrete structures**



With more than 115 years of manufacturing experience in Antwerp, IKO has become a global player in the development and production of **roofing materials**, **liquid waterproofing solutions** and **insulation materials**.

IKO stands for **uncompromising quality**, **customer-oriented service** and a continuous focus on innovation and sustainability.

We work **closely with our partners**, think along with them and actively contribute to the **success of every construction project**.



We offer quick online advice with the IKO Design Center



Substrate, roof type, required insulation value... these are all factors that determine product selection. And which products are compatible to ensure good quality? With the IKO Design Centre, you can design your roof in just a few clicks. This saves you time and gives you a clear visualisation of what the roof will look like.



Reliable solutions, tailor-made for every construction partner



Investors

With IKO flexia, the **security of your investment** is our top priority. As part of IKO, an **established company** with decades of experience in high-quality waterproofing systems, we build on a solid foundation of technical expertise, proven performance and sustainable quality. Thanks to our **strong and long-standing collaboration** with construction professionals, we guarantee solutions that work – today and tomorrow.



Architects

Architects and planners trust IKO flexia as the specialist for liquid waterproofing. Our **certified systems** offer a sustainable solution that combines expertise and support. From project-specific specification texts, **CAD drawings** and **realistic samples** to complete planning reliability in accordance with the specifications: we think ahead. The work is carried out exclusively by specialized **certified contractors**. This enables us to guarantee quality and compliance with system specifications.



Certified contractor

Contractors choose IKO flexia because we offer **reliable performance** and effective solutions. As a **manufacturer** with years of practical experience in the construction industry, we speak the **language of the building site**. We support every project from the quotation phase to completion – and beyond. When combining different IKO products (roof waterproofing, liquid waterproofing, insulation), we offer comprehensive **10-year system guarantees**.



Discover how we are achieving our sustainability goals





Proven long-term waterproofing

Liquid waterproofing systems are extremely versatile and are suitable for waterproofing **challenging details, roofs, balconies, car parks** and many other **structures**. The process is carried out without flame or heat, making it **safe and easy**.

Our high-quality products are manually applied with brushes and rollers or spray applied and **adhere to various substrates** such as concrete, metal, wood, plastic and bitumen. Thanks to their seamless application, they offer **reliable protection** against water, UV radiation and chemical influences.

That's why you choose IKO flexia:

- Seamless waterproofing without overlaps for maximum safety
- Flame-free installation for greater safety on the construction site
- Minimal installation height and low weight
- Easy to use on complex details and hard-to-reach areas
- Fully compatible with other IKO products within a system
- CE, ETA and BBA certified for guaranteed quality
- Full adhesion to various substrates, including plastic
- High elasticity and tensile strength for long-term performance
- Available in different colours for aesthetic results



Choosing the right system is crucial for every project. Our IKO experts will be happy to assist you in selecting the most suitable solution, tailored to the substrate, technical requirements and available budget.

Single-component or two-component (1K, 2K)?

A **single-component** product cures by reacting with moisture. A **two-component** product requires precise mixing with a catalyst and cures faster, but places higher demands on preparation and execution.

Choosing the polymer

IKO produces liquid waterproofing products based on **PMMA (polymethyl methacrylate)**, **SMP (hybrid polymers)** and **PU (polyurethane)**. These polymers differ in terms of their mechanical properties, hardness, application and working life. The solvent-free products are applied **wet-on-wet**, which saves time for the contractor.

Below you will find a comparison of the various IKO systems based on their most important technical characteristics..

	IKO metatech	IKO hybritech	IKO tanetech
Type of system	2K PMMA	1K Hybrid Polymers	1K PU
Ready to use		X	X
Solvent-free	X	X	
Wet-on-wet application	X	X	
Isocyanate-free	X	X	
Curing			
Trafficable	45 min	72 h	12 h
Reinforcing fleece	Polyester	Polyester	Glass fibre



Details

Roof, car park and balcony

Sustainable waterproofing depends on the **correct treatment of complex details**. Think of domes, skylights, penetrations and drains on roofs; parapet bases, expansion joints and connections to external components on **balconies** and drains, expansion joints and transitions between areas in **car parks**.

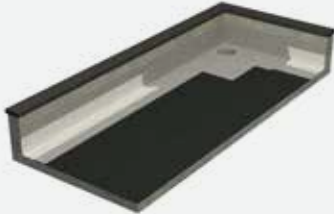
For all these critical areas, we offer **seamless liquid waterproofing solutions** that have been specially developed for detailed work. Thanks to their **flame-free application, higher viscosity** and excellent adhesion, they guarantee a **watertight connection** to both traditional waterproofing membranes and other liquid systems.



Advantages:

- **Seamless waterproofing**
Eliminates the risk of water ingress at overlaps: no seams, no leaks
- **Flame-free application**
Safe application without open flames or hot air
- **Easy treatment of details in difficult areas**
Flexible and easier to apply in difficult areas than conventional membranes
- **Excellent adhesion**
Adheres fully and reliably to most common building materials
- **Proven service life**
Tested for a service life of at least 25 years



	IKO metatech Detail	IKO metatech Detail Fiber	IKO hybritech Detail
Type of system	2K PMMA	2K PMMA	1K Hybrid Polymers
Ready to use			X
Solvent-free	X	X	X
Wet-on-wet application	X	X	X
Isocyanate-free	X	X	X
Fibre reinforced		X	
Curing			
Rainproof	30 min	30 min	3 h
Trafficable	45 min	45 min	72 h
Odour during application	MMA-odour	MMA-odour	Neutral odour
Reinforcing fleece	Polyester	/	Polyester
Minimum service life	25 years		25 years
Certificates	ETA-22/0465 & BBA-24/7115		ETA-22/0466 & BBA-24/7122
3D-Model			
Check the system			



Roof systems

Flat roofs and industrial roofs

Liquid waterproofing is increasingly being used for the **complete waterproofing** of flat and industrial roofs. This solution offers clear advantages, especially **where flame welding is not permitted** or where the roof is equipped with technical installations.

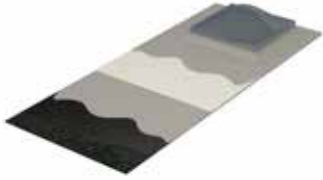
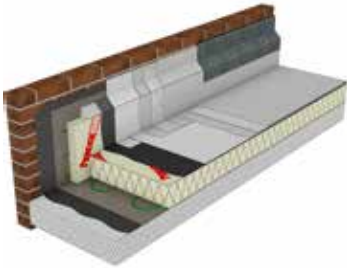
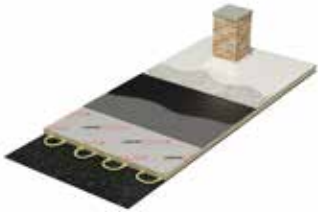
The system cures to form an **elastic, seamless membrane** that adapts completely to the shape of the substrate. This **minimises the risk of leaks** and keeps the roof protected for a long time – even in the most demanding situations.



Advantages:

- **Seamless roof waterproofing**
Eliminates the risk of water ingress at overlaps: no seams, no leaks
- **Flame-free application**
Safe to use without open flames or hot air
- **Easy detailing of complex areas**
Ideal for detailing around technical installations, penetrations and roof edges: easier to apply than traditional membranes
- **Warm roof build-up with IKO enertherm insulation**
Complete system composed of IKO products that are perfectly matched and fully compatible with each other
- **Combination with solar panels (PV)**
White roof surfaces with a high SRI value increase the efficiency of PV systems
- **Tested service life**
Tested for a service life of at least 25 years



	IKO metatech Roof	IKO hybritech Roof	IKO tanetech Roof
Type of system	2K PMMA	1K Hybrid Polymers	1K PU
Ready to use		X	X
Solvent-free	X	X	
Wet-on-wet application	X	X	
Isocyanate-free	X	X	
Curing			
Rainproof	30 min	3 h	2 h
Trafficable	45 min	72 h	12 h
Odour during application	MMA-odour	Neutral odour	Solvent odour
Reinforcing fleece	Polyester	Polyester	Glass fibre
Minimum service life	25 years	25 years	25 years
Certificates	ETA-22/0465 & BBA-24/7115	ETA-22/0466 & BBA-24/7122	ETA-13/0168 & BBA-24/7125
3D-Model			
Check the system			



Balcony systems

Balconies, roof terraces, loggias, walkways, stands and stairs

These trafficable surfaces are exposed to daily wear and tear and weather conditions and require a **wear-resistant top coat** that effectively protects the underlying waterproofing from damage. The execution of details such as **thresholds, penetrations and parapet bases** often presents a technical challenge. We offer an efficient and durable solution for this with two high-quality liquid waterproofing systems.

Thanks to a wide range of **broadcasting materials** (quartz or chips) in various colours, an aesthetic and non-slip surface is created that perfectly matches the architectural style of each project.



Advantages:

- **Restricted build-up height**
Ideal for low edge heights between balcony elements and parapets: no major adjustments necessary
- **Effortless waterproofing in confined spaces**
Easy to work with, even on substrates made of different materials
- **Wide selection of decorative finishes**
Customized aesthetics with broadcasting materials such as colour flakes (chips), quartz granulate or anti-slip powder
- **Insulated build-up with IKO enertherm**
Complete IKO system with thermal insulation, pressure distribution plate and waterproofing
- **Flame-free installation**
Safe installation without open flames or hot air – suitable for sensitive environments



	IKO metatech Balcony	IKO tanetech Balcony
Type of system	2K PMMA	1K PU
Ready to use		X
Solvent-free	X	
Wet-on-wet application	X	
Isocyanate-free	X	
Curing		
Rainproof	30 min	2 h
Trafficable	45 min	12 h
Odour during application	MMA odour	Solvent odour
Reinforcement fleece	Polyester	Glass fibre
Minimum service life	25 years	25 years
Certificates	ETA-22/0465	ETA-13/0168
3D-Model		
Check the system		



Car park systems

Car park top decks, intermediate decks and ramps

Specially developed for car parks, IKO's liquid waterproofing systems offer a combination of **flexibility, strength and long-term protection**. Thanks to their **excellent abrasion resistance** and resistance to de-icing salts and oil contamination, they are perfect for high-traffic areas.

These **multifunctional systems** combine waterproofing, protective layer and driving surface in a single solution with minimal installation height and low weight, tailored specifically to the structural requirements of car parks.

The rapid curing of our **PMMA systems** enables **smooth renovation** with minimal inconvenience to users, ideal for heavily frequented parks.

Advantages:

- **Fast return to service**
Minimal disruption thanks to fast application and curing: ideal for renovations with tight schedule
- **Seamless sealing**
Completely closed system without overlaps: no risk of leaks
- **Fully trafficable system**
Additional driving layers such as asphalt or tiles are not necessary: the waterproofing immediately forms the finished layer
- **Low weight**
Lightweight system build-up without heavy loads: suitable for new and existing buildings
- **Wear-resistant zone marking**
Durable PMMA-based lines: wear-resistant, clearly visible and fully integrated into the system





	IKO metatech Car Park
Type of system	2K PMMA
Ready to use	
Solvent-free	X
Wet-on-wet application	X
Isocyanate-free	X
Curing	
Rainproof	30 min
Trafficable	45 min
Odour during application	MMA odour
Reinforcing fleece	Polyester
Minimum service life	25 years
Certificates	ETA-22/0465
3D-Model	
Check the system	



Markings

Cycle paths, crossings, safe zones, parking areas, etc.

Cycle paths, crossings, parking bays and safety zones require **clear and durable markings** that can withstand daily traffic and extreme conditions.

IKO route HD zone marking was developed specifically for these applications and guarantees long-term visibility even under heavy use. The high-quality marking withstands **weather conditions, road salt, oil and mechanical wear** and remains clearly visible where safety and orientation are important.



Advantages:

- **Always visible**
Bright traffic colours ensure permanent visibility
- **Quick commissioning**
Quick installation and curing ensure minimal disruption: ideal for high-traffic areas
- **Wear-resistant marking**
PMMA-based: proven wear resistance, withstands heavy traffic and high loads
- **Non-slip surface**
Quartz grains with an adjusted grain size provide additional grip, actively preventing accidents
- **Flexible installation**
Can be applied manually and spray-applied: adaptable to the scope and the complexity of the project



Special constructions

Wind turbines, water basins, foundations,...

From wind turbine bases and water basins to foundation walls and complex joints, our liquid waterproofing systems offer a **flexible and reliable solution** for a wide range of applications.

The system is **quick and easy to apply**, cures rapidly and does not require an **open flame**, which significantly increases safety on the construction site. Thanks to its **seamless surface** and **excellent adhesion**, it offers lasting protection even on hard-to-reach or uneven substrates. With the relevant certifications and technical performance, we meet the **highest quality standards**.

Advantages:

- **Seamless sealing**
System without seams or overlaps: eliminates the risk of water infiltration
- **Flame-free processing**
Safe processing without open flames or hot air: ideal for sensitive or hard-to-reach areas
- **Simple detail work**
Perfect for complex details and difficult surfaces, and much more flexible than conventional membranes
- **Crack bridging**
Tested for dynamic crack bridging up to 2 mm
- **Tested service life**
Tested for a service life of at least 25 years



Discover the entire product range



ROOFING | WATERPROOFING | INSULATION



Contact IKO nv