



**MEET YOUR
PERFORMANCE
PARTNER.**

PRODUCT CATALOG

Spray Polyurea





Makro Chemical

Founded in İzmir in 1996, Makro Chemical has become a trusted solution partner in polyurethane systems and high-performance industrial chemicals, backed by nearly three decades of industry expertise.

Since its establishment, our company has continuously adapted to the evolving needs of the market. Through our strong R&D capabilities and technical expertise, we strive to be more than just a manufacturer we are a partner that delivers innovative solutions designed to improve our customers' production processes. In our laboratories, we develop tailor-made formulations that meet the specific requirements of diverse industries while focusing on performance, quality, and sustainability.

Today, Makro Chemical serves a wide range of industries in both domestic and international markets through its modern manufacturing facilities, experienced technical team, and customer-oriented approach. Our polyurethane systems are engineered to deliver superior performance, reliability, and long-term durability, while every new project represents another opportunity to advance our expertise through continuous research and development.

Driven by nearly 30 years of experience, we remain committed to developing innovative technologies that anticipate the needs of tomorrow and to serving as a reliable technology partner for our customers around the world.

MAKRO SPRAY POLYUREA SYSTEMS

Advanced Protection for Demanding Environments



High-performance spray-applied polyurea systems delivering seamless waterproofing, superior durability and long-lasting protection for industrial, commercial and infrastructure applications.



Advanced Coating Technologies

MAKRO POLYUREA product family offers advanced spray-applied coating technologies designed for superior waterproofing and surface protection. Applied with high-pressure heated spray equipment, these solvent-free systems cure within seconds to form a seamless, highly elastic, and durable membrane.

Engineered for long-term performance, Makro Polyurea coatings provide exceptional resistance to water, abrasion, impact, and a wide range of chemicals, ensuring reliable protection for concrete, steel, and other structural surfaces in the most demanding environments.

Our Spray Polyurea Product Family

MAKRO POLYUREA PURE

Maximum mechanical strength and chemical resistance for demanding industrial environments.

MAKRO POLYUREA FLX

Highly elastic waterproofing membrane designed for flexible structural movement.

MAKRO POLYUREA BITUME

Bitumen-modified protective membrane for underground waterproofing and corrosion protection.



Every project has unique protection requirements. That's why the Makro Polyurea product family has been developed to deliver application-specific solutions—from high-performance industrial coatings to flexible waterproofing membranes and underground protection systems. With seamless application, rapid curing, and outstanding durability, Makro Polyurea systems provide reliable performance where it matters most.

MAKRO POLYUREA PURE

HIGHLY RESISTANT POLYUREA WITH EXCEPTIONAL MECHANICAL AND CHEMICAL PROPERTIES

Pure Polyurea Coating System Exhibiting Superior Mechanical and Chemical Resistance
MAKRO POLYUREA PURE is a rapid-curing, aromatic, two-component, solvent-free coating system composed of 100% pure polyurea.

It is derived from the reaction between an isocyanate prepolymer and a mixture of amine-terminated resin.

It can be applied to concrete, metal, and various other surfaces. It is a rigid protective coating and waterproofing membrane that exhibits high mechanical and chemical resistance.

Due to the rapid reaction of the mixture, its application is feasible only with specialized machines designed for high-pressure, heated multi-component spray proportioning.

Areas of Application



TANK LININGS

Durable internal lining systems for tanks requiring long-term chemical and corrosion resistance.



SECONDARY CONTAINMENT

Seamless protective barriers designed to prevent leakage and environmental contamination.



INDUSTRIAL FLOORS

High-performance flooring solutions with exceptional abrasion, impact and chemical resistance.



WASTEWATER PLANTS

Reliable waterproofing and protective coatings for wastewater treatment and water management facilities.



MARINE STRUCTURES

Long-lasting protection against moisture, corrosion and harsh marine environments.

AND MORE

Sectors



CONSTRUCTION AND BUILDING MATERIALS



INDUSTRIAL FACILITIES



PETROLEUM AND PETROCHEMICAL PRODUCTS



INFRASTRUCTURE AND TUNNEL INITIATIVES



MARITIME AND PORT INFRASTRUCTURE



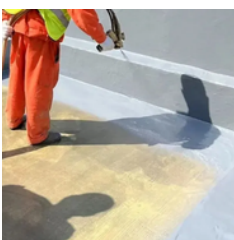
HEAVY INDUSTRY



STORAGE TANKS AND SILOS



TRANSPORTATION AND LOGISTICS





MAKRO POLYUREA FLX

HIGH-ELASTICITY HYBRID POLYUREA WATERPROOFING SYSTEM

MAKRO POLYUREA FLX is a two-component, aromatic, highly elastic, solvent-free hybrid polyurea coating system derived from the reaction between an isocyanate prepolymer and an amine-terminated resin mixture. This product, applicable to various surfaces including concrete and metal, delivers exceptional flexibility, outstanding waterproofing, and enduring surface protection. By forming a seamless coating and waterproofing membrane, it ensures dependable performance under demanding application conditions. Owing to its exceptionally rapid reaction and curing characteristics, application should be conducted exclusively with high-pressure, heated, two-component specialized polyurea spray equipment.

Areas of Application



TANK LININGS

Durable internal lining systems for tanks requiring long-term chemical and corrosion resistance.



SECONDARY CONTAINMENT

Seamless protective barriers designed to prevent leakage and environmental contamination.



INDUSTRIAL FLOORS

High-performance flooring solutions with exceptional abrasion, impact and chemical resistance.



WASTEWATER PLANTS

Reliable waterproofing and protective coatings for wastewater treatment and water management facilities.



MARINE STRUCTURES

Long-lasting protection against moisture, corrosion and harsh marine environments.

AND MORE

Sectors



CONSTRUCTION AND BUILDING MATERIALS



INDUSTRIAL FACILITIES



WATERPROOFING AND THERMAL INSULATION



INFRASTRUCTURE AND TUNNEL INITIATIVES



COMMERCIAL AND RESIDENTIAL DEVELOPMENTS



POOLS AND AQUATIC STRUCTURES



LEISURE AND RECREATIONAL AMENITIES



LANDSCAPE AND ENVIRONMENTAL ARCHITECTURE



POLYUREA BITUME

BITUMEN-MODIFIED, RIGID-FLEXIBLE, WATERPROOF PROTECTIVE POLYUREA

MAKRO POLYUREA BITUME is a rapid-curing, two-component spray coating system modified with bitumen, applied by mixing in a 1:1 volume ratio. Compatible with concrete, metal, and various other surfaces, this product offers exceptional waterproofing and enduring surface protection due to its high resistance to water vapor diffusion.

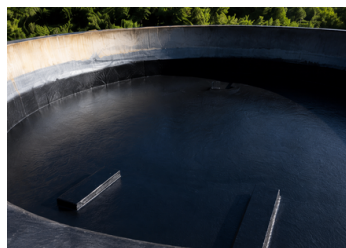
Its formulation, which provides both rigid and flexible properties, results in a dependable protective coating and waterproofing membrane. Owing to its extremely rapid reaction, application should be conducted exclusively with high-pressure, heated, two-component specialized polyurea spray equipment.

Areas of Application



ROOF WATERPROOFING

Provides seamless, long-lasting waterproof protection for roofs, terraces and exposed surfaces.



WATER & WASTEWATER CONTAINMENT

Ensures durable waterproofing and chemical resistance for water treatment and containment structures.



BRIDGE & INFRASTRUCTURE

Protects concrete and steel structures against moisture, corrosion and harsh environmental conditions.



FOUNDATION PROTECTION

Creates a reliable waterproof barrier for below-grade concrete and foundation systems.

Sectors



CONSTRUCTION AND BUILDING MATERIALS



INDUSTRIAL FACILITIES



WATERPROOFING AND THERMAL INSULATION



INFRASTRUCTURE AND TUNNEL INITIATIVES



COMMERCIAL AND RESIDENTIAL DEVELOPMENTS



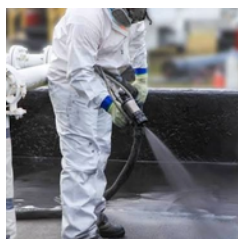
STEEL FRAMEWORK



BRIDGE AND VIADUCT ENGINEERING



LANDSCAPE AND ENVIRONMENTAL ARCHITECTURE



Your Dependable Partner in Chemical Solutions

At Makro Chemical, we enhance your production processes through our extensive product portfolio, which includes industrial raw materials and specialized chemical solutions, supported by our expert technical team.



We are prepared to be your strategic partner in solutions.

At Makro Chemical, we enhance the production processes across diverse industries through our premium chemical raw materials and technical expertise. With a dependable supply chain, a customer-centric approach, and comprehensive technical support, we are committed to delivering the most appropriate solutions to meet your requirements.

Please reach out to us for comprehensive information regarding our products, to seek technical guidance, or to explore our tailored solutions.



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