



KIMCASE[®]
Special Products

HIGH-PERFORMANCE SOLUTIONS



KIMPUR

Coating Systems

KIMcase Coating System

Polyurea, polyurethane, and epoxy-based coating systems are designed to protect surfaces against corrosion and abrasion while enhancing the final surface appearance.

KIMcase® Coating Systems can be applied to various surfaces such as metal, concrete, marble, composite, or wood. The product range includes pure polyurea, sprayable polyurea, hybrid polyurea systems, polyurethane membranes, and epoxy primers.

These coating systems are tailored by balancing cost considerations and customer requirements to deliver the desired performance characteristics.

Usage Areas

- Terraces, balconies, etc. (For waterproofing applications)
- Industrial flooring
- Irrigation reservoirs and canals
- Swimming pools, aquariums, water tanks, etc.
- Load-bearing walls and foundation insulation
- Roofs and landscaped façades
- Energy, recycling, treatment, and water storage facilities
- Fish farms, water treatment plants, and petrochemical facilities



1. Pure Polyurea Systems

Pure polyurea systems are two-component, spray-applied surface coating and waterproofing materials that protect surfaces against abrasion, rust, and corrosion. They offer 400% elongation and contain no volatile organic compounds.

KIMcase Pure Polyurea Systems	Hardness (ShA)	Description	Usage Areas	Advantages	Certificate
KIMcoat PP 001 + Izokim PP 001	90	Pure polyurea coating applied using a two-component hot spray machine	• Roofs, balconies, and terraces • Storage tanks and reservoirs • Foundations and retaining walls • Pools and ponds	• High abrasion resistance • High elasticity (400%) • High mechanical strength • Resistance to hydrolysis • Water vapor permeable structure • Resistance to plant roots • Long-lasting aging resistance	CE REACH
KIMcoat PP 005 + Izokim PP 001	85	Expanding polyurea coating applied using a two-component hot spray machine	• Under-screed applications • Roofs • Foundations and retaining walls • All structures requiring thermal and waterproofing	• Resistance to outdoor environmental conditions • High expansion ratio (5x) • High abrasion resistance • Resistance to hydrolysis • Long-lasting aging resistance	-
KIMcoat BP 500 + Izokim PP 004	85	Brushable polyurea coating suitable for two-component manual application	• Roofs, balconies, and terraces • Storage tanks and reservoirs • Foundations and retaining walls • Wet areas • Spaces with light pedestrian traffic	• Resistance to outdoor environmental conditions • Seamless monolithic appearance • Easy application • Long pot life	-

2. Hybrid Polyurea System

Hybrid polyurea systems are two-component, spray-applied coating and waterproofing materials that protect surfaces against abrasion, rust, and corrosion. They are free of volatile organic compounds.

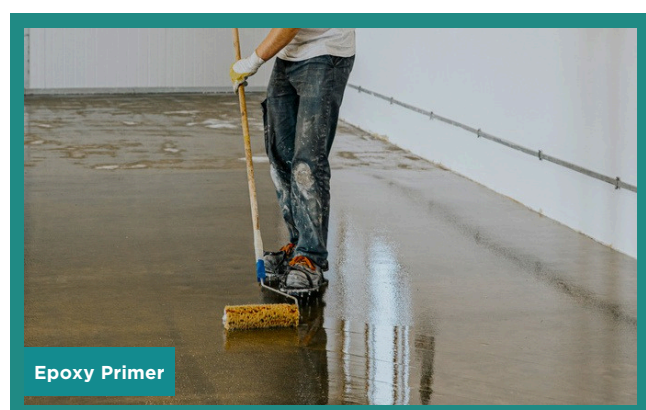


KIMcase Pure Polyurea Systems	Hardness (ShA)	Description	Usage Areas	Advantages
KIMcoat HP 002 + Izokim PP 001	90	Hybrid polyurea coating applied using a two-component hot spray machine	• Under-screed applications • Storage tanks and reservoirs • Foundations and retaining walls	• Resistance to hydrolysis • Water vapor permeable structure • Resistance to plant roots

3. Polyurethane Membrane

Polyurethane membrane is a single-component coating and waterproofing material with excellent elasticity, providing durability against hot and cold joint expansions.

KIMcase Membrane System	Hardness (ShA)	Description	Usage Areas	Advantages
KIMcoat MC 400	50	Single-component polyurethane-based membrane coating resistant to UV rays	• Roofs, balconies, and terraces • Wet areas • Roof gutters and concrete channels • Concrete, plaster, screed, wood, and metal surfaces	• Easy application with low viscosity • Safe, solvent- and VOC-free formulation • Superior adhesion strength • High resistance to chemicals



4. Epoxy Primer

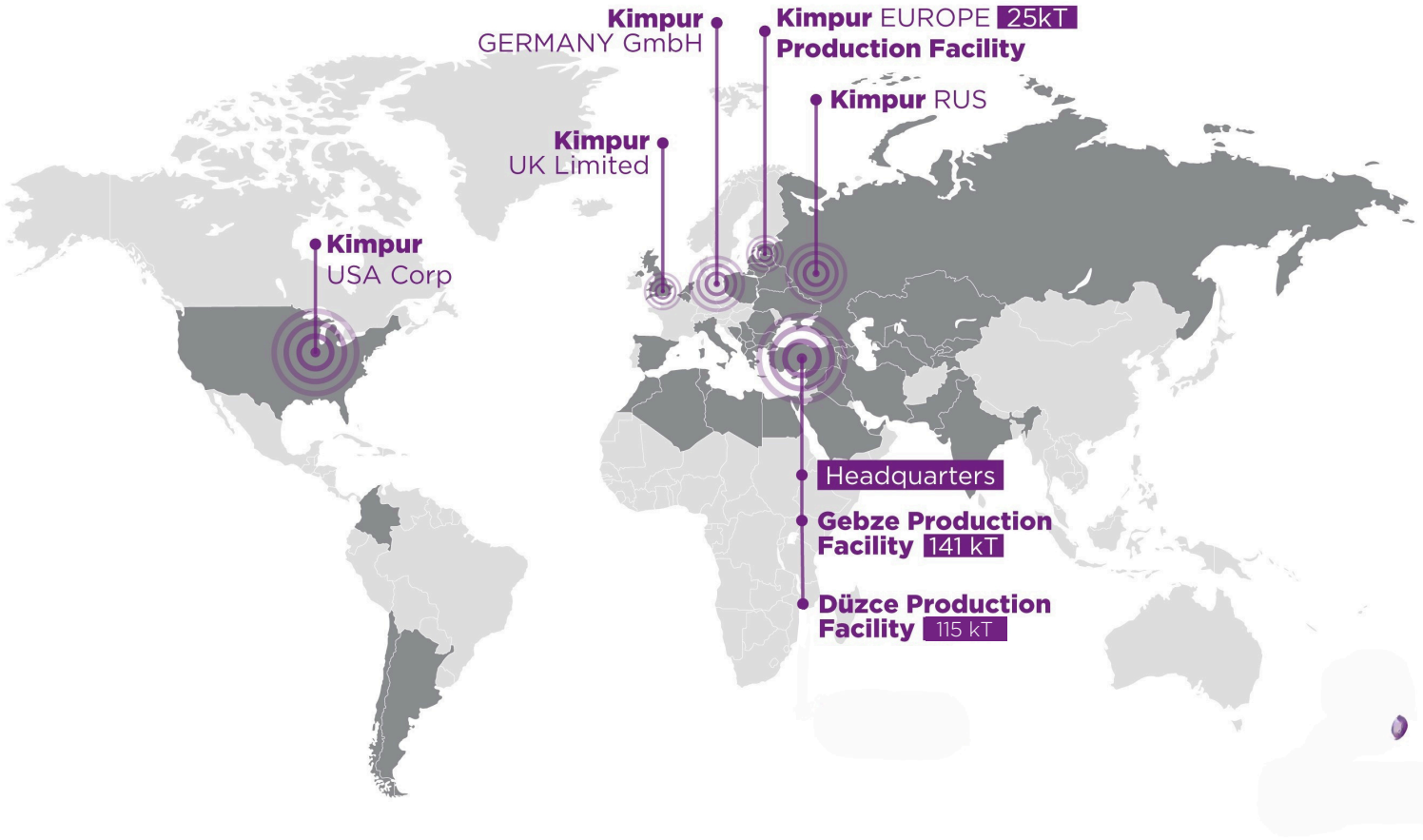
Epoxy primer is a two-component, low-viscosity, solvent-free, epoxy-based primer with high adhesion and quick curing properties.

KIMcase Epoxy Primer Systems	Description	Usage Areas	Advantages
KIMcoat EP 001 + KIMcoat EH 001	Epoxy-based, two-component, solvent-free primer with low viscosity	• Used for protecting concrete surfaces against abrasion and dusting • Serves as a primer for epoxy, polyurethane, and polyurea coatings • Used as a primer and binder in concrete repairs	• Easy application with low viscosity • Safe, solvent- and VOC-free formulation • Superior adhesion strength • High resistance to chemicals

TÜRKİYE'S LARGEST POLYURETHANE SYSTEM HOUSE

Kimpur is the polyurethane system house with the largest capacity in the region, with a production capacity exceeding 200,000 tons. It leads the sector by exporting to more than 55 countries on 5 continents. Polyurethane systems produced; It is used in different sectors such as shoes, automotive, furniture, heating and cooling, insulation-construction, and defense industry.

GLOBAL ACTIVITIES



United Nations
Global Compact



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OUR COMMITMENT TO SUSTAINABILITY

Kimpur Corporate Promotional Film
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LEGAL INFORMATION

At Kimpur, we strive to provide you with the highest quality polyurethane systems, backed by our expertise and dedication to innovation. The information provided in this brochure is a reflection of our expertise and knowledge. However, we highly recommend for users to conduct their own thorough assessments and tests to ensure the suitability and optimal performance of our products for their intended applications. While we strive to provide accurate and reliable information, Kimpur does not assume any liability or offer any warranty, whether expressed or implied, regarding the properties, performance, or fitness for a particular purpose of our products. Descriptions, specifications, and other details provided herein are subject to change without prior notice and should not be considered as binding contractual guarantees. As the recipient of our products, our customers assume full responsibility for compliance with all applicable laws, regulations, and intellectual property rights. We highly recommend obtaining comprehensive information on product toxicity, adhering to proper handling procedures, and ensuring compliance with safety and environmental standards. At Kimpur, we value our partnership with you and strive to provide exceptional support. However, it is important to emphasize that the application, use, and processing of our products are ultimately the sole responsibility of the user. Please note that the safety data provided in this brochure is for informational purposes only and does not constitute a legally binding Material Safety Data Sheet (MSDS). To obtain the relevant MSDS, kindly request it from your supplier or contact us directly at uncommonsolutions@kimpur.com. Our team is ready to assist you with any inquiries or specific safety information you may need.

Edition: 2024