

KiM CASE[®]
Special Products

HIGH-PERFORMANCE SOLUTIONS



KIMPUR

Binders and Adhesives

KiMcase® Binders

Binders are specialized formulations that hold different materials or particles together, enhancing structural durability. They are commonly used in mixing, molding, and manufacturing processes.

Polyurethane (PU) provides excellent flexibility, strong adhesion, and high durability in binders, creating robust and long-lasting bonds between materials. Thanks to its chemical and mechanical resistance properties, it withstands harsh environmental conditions. Its flexibility ensures resistance to dynamic loads, allows it to adapt easily to surfaces, and delivers superior performance in various industrial applications.

Kimpur has developed high-performance **KiMcase®** Binders tailored to the needs of different industries.



AREAS OF USAGE

- Walking paths
- Sports field floors
- Playgrounds
- Park and garden covering
- Window and door sills
- Rubber derivative products such as rubber roll carpet, rubber pavement curbs

ADVANTAGES

- 100% solid (Solvent-free)
- VOC-Free
- Ensures proper viscosity and reaction speed for molding operations.
- Superior performance in binding rebounded foams and SBR/EPDM rubber granules.
- Aliphatic and Aromatic varieties for the intended performance.
- Utilizing in hot and cold cure processes.



SBR (Styrene Butadiene) Rubber: It is a synthetic rubber derived from styrene and butadiene. It is suitable for use within the temperature range between -50 °C and +100 °C.

EPDM (Ethylene Propylene Diene Monomer) Rubber: It is a synthetic rubber, consisting of ethylene, propylene and diene monomers. It is suitable for use within the temperature range between -40 °C and +150 °C.

NBR (Nitril) Rubber: It is a synthetic rubber derived from acrylonitrile and butadiene. It is suitable for use within the temperature range between -30 °C and +150 °C.

PRODUCT TYPE	PRODUCT NAME	% NCO	VISCOSITY @ 25° C mPa.s	APPLICATION AREAS	DESCRIPTION	CERTIFICATE
HOT PRESS BINDER	Izokim CP 002	10,5	3800	- Parks - Children's Playgrounds - School Playgrounds - Sports Facilities - Outdoor Areas - Synthetic Surfaces - Rubber Flooring and Mats - Sound Insulation	Standart press binder (hot prewss molded)	REACH
	Izokim CP 051	10,3	3800		Standart press binder, high elongation (hot prewss molded)	REACH
	Izokim CP 083	8	1200		Low viscosity press binder (hot prewss molded)	-
WET-POUR BINDER	Izokim CP 023	12	1300	- Athletic Tracks - Tennis Courts - Children's Playgrounds - School Playgrounds - Sports Facilities - Outdoor Recreation Areas	Low viscosity pour binder (cold press, on-site application)	REACH
	Izokim CP 033	8,8	3000		1K bonding of rubber pellets, 2K adhesives	REACH
	Izokim CP 056	8,5	2000		1K bonding of rubber pellets, 2K adhesives	-
	Izokim CP 084	10	3500		High viscosity pour binder (fast cure)	-
	Izokim CP 085	10	4500		High viscosity pour binder	-
ROLLER BINDER	Izokim CP 068	10,5	2800	- Rubber Mats - Molded Rubber Products - School Playgrounds - Sports Facilities - SBR and EPDM Safety Surfaces	Flexible cold cure binder	REACH
	Izokim CP 086	10	2500		Very flexible cold cure binder	-
BONDEX BINDER	Izokim CP 028-C	14,5	650	- Scrap Sponge - Dish Sponge	Standart 1K bondex	REACH
	Izokim CP 052	7	300		Bondex binder with low viscosity and low hardness	REACH
	Izokim CP 053	14,5	380		1K Phtlate free bondex binder	REACH
	Izokim CP 054	13	400		Low viscosity bondex binder	REACH
ALIPHATIC BINDER	Izokim CP 057	11,5	5500	- Athletic Tracks - Tennis Courts - Children's Playgrounds - School Playgrounds - Sports Facilities - Outdoor Recreation Areas	High viscosity %100 aliphatic pour binder	-
	Izokim CP 061	10	3200		Fast cure %100 aliphatic pour binder	-
	Izokim CP 076	11	2500		Very slow %100 aliphatic pour binder	-
	Izokim CP 093	9,5	2800		Fast cure and low viscosity %100 aliphatic pour binder	-
TDI ELASTOMER HARDENER	Izokim CP 040	4,4	4000	- Elastomer System Hardener - 1K PU Membrane Coating Resin - Molded Parts Production	K elastic park deck coatings, 1K sealants	-
	Izokim CP 079	3,3	3000		2K elastic park deck coatings, 1K sealants, flexibilization of anti-corrosion systems	-
HIGH FUNCTIONALITY PRODUCTS	Izokim CP 047	27	1500	- Chipboard - Insulation Board	High reactivity hardener for 2K systems	REACH
	Izokim CP 044	25	250		Prepolymer for wood panel production giving good penetration and wetting	-
	Izokim CP 051	27	250		Prepolymer for wood panel production	-
COLORED BINDER	Izokim CP 050	3	2500	- Athletic Tracks - Children's Playgrounds - Sports Facilities	Spray applied to create a textured surface for running track surfacing	-
	Izokim CP 082	4	3500		Green colored binder for SBR granules	-



KIMcase® Adhesives

Adhesives are chemical substances that join two surfaces together, creating a permanent or strong bond. They are commonly used in the furniture, automotive, and construction industries.

Polyurethane (PU) provides excellent flexibility, strong adhesion, and high durability in adhesives, forming robust and long-lasting bonds between materials. Thanks to its chemical and mechanical resistance properties, it withstands harsh environmental conditions. Its flexibility ensures resistance to dynamic loads, allows it to adapt easily to surfaces, and delivers superior performance in various industrial applications.

Kimpur has developed high-performance **KIMcase® Adhesives** tailored to the needs of different industries.

AREAS OF USAGE

- Wood
- Furniture
- Construction
- Building
- Automotive



ADVANTAGES

- It is resistant to water and moisture, making it suitable for outdoor applications.
- It cures quickly upon contact with moisture, forming a strong bond.
- The curing time varies depending on ambient temperature and humidity levels.
- Particularly, D4-class polyurethane adhesives exhibit high resistance to water and are used in outdoor applications.

PRODUCT TYPE	PRODUCT NAME	CURING TIME (MIN)	VISCOSITY @ 25° C mPa.s	APPLICATION AREAS	DESCRIPTION
ADHESIVE	Izokim CP 058	10	5500	- Wood Industry - Panel Doors - Composite Industry	Single-component fast-curing PU-based D4 adhesive
	Izokim CP 060	30	5500	- Wood Industry - Panel Doors - Composite Industry	Single-component fast-curing PU-based D4 adhesive
	KiMcase PU 005	45	2500	- Athletic Flooring - Sandwich Flooring	Two-component PU-based self-leveling EPDM adhesive
	KiMcase PU 009	3	2500	- Industrial	Two-component PU-based self-leveling HEPA adhesive system
	KiMcase PU 016	5	7500		
	KiMcase PU 017	1,5	7000		
	KiMcase PU 020	1,5	6000		

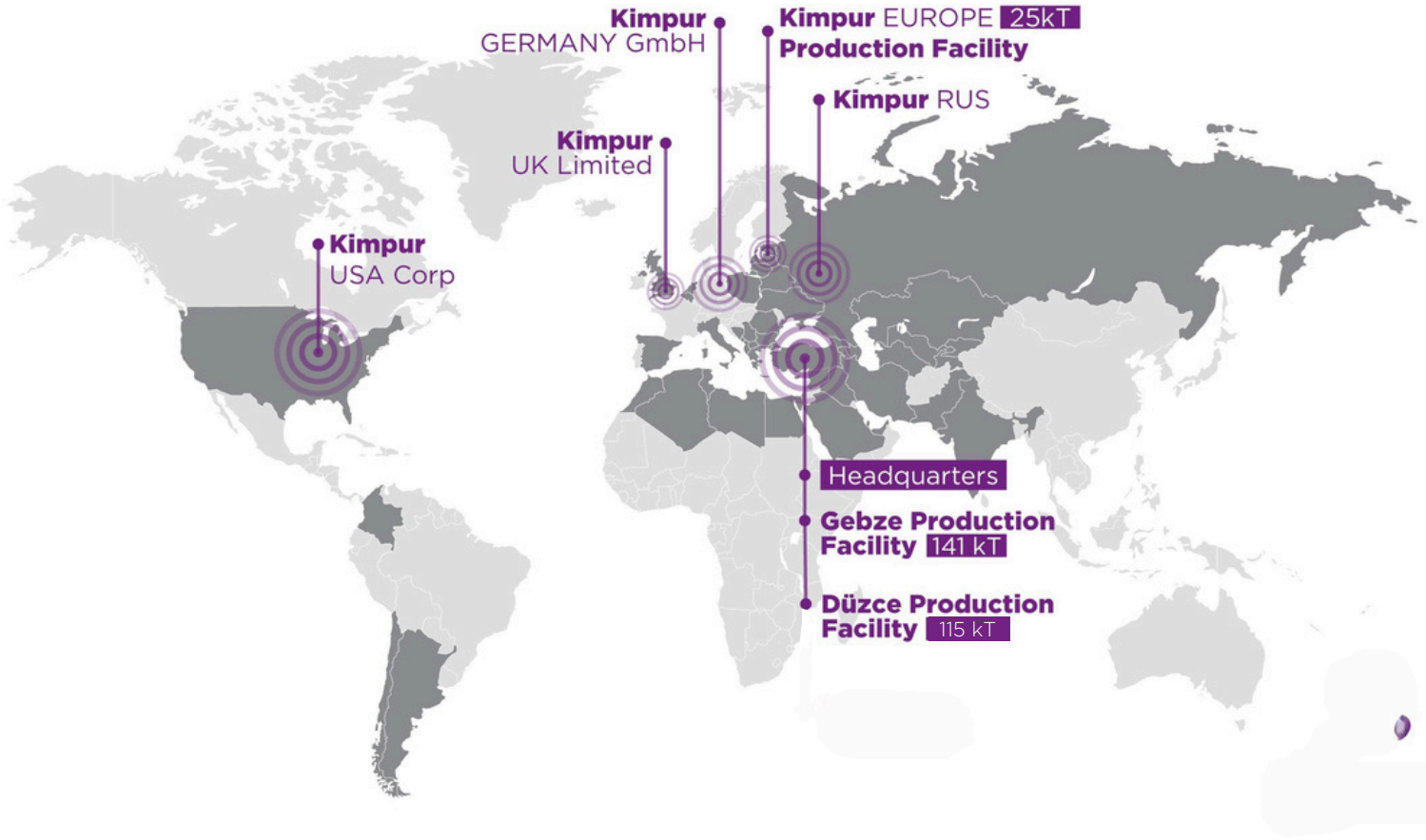
For more detailed information about our products, as well as TDS and MSDS documents, please contact our sales office.



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



Responsible Care®
OUR COMMITMENT TO SUSTAINABILITY

Kimpur Corporate Promotional Film
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KİMTEKS POLİÜRETAN SANAYİ VE TİCARET A.Ş.

HEAD OFFICE:

İnkılap Mah. Dr. Adnan Büyükdeniz Cad.
No: 13, B Blok, Kat: 2, İç Kapı No: 6
34768 Ümraniye İstanbul TÜRKİYE
Phone : +90 212 809 15 50
Fax : +90 212 809 15 49

GEBZE PRODUCTION FACILITY:

Gebze Plastikçiler Organize
San. Bölgesi 7. Cadde No:43
41400 Gebze Kocaeli TÜRKİYE
Phone : +90 262 751 44 71
Fax : +90 262 751 02 57

DÜZCE PRODUCTION FACILITY:

OSB, Yakabaşı Mevki, 1. Cadde No:12,
81850 Gümüşova Düzce TÜRKİYE

KİMPUR EUROPE PRODUCTION FACILITY:

Brīvības iela 103, Liepāja,
LV-3401, LATVIA



For more information
uncommonsolutions@kimpur.com



www.kimpur.com

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.

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