

Behind Better Buildings

Polyurethane Solutions for Building Industry

KiMRIGID[®]
Rigid Foam Systems

KiMCASE[®]
Special Products



KIMPUR

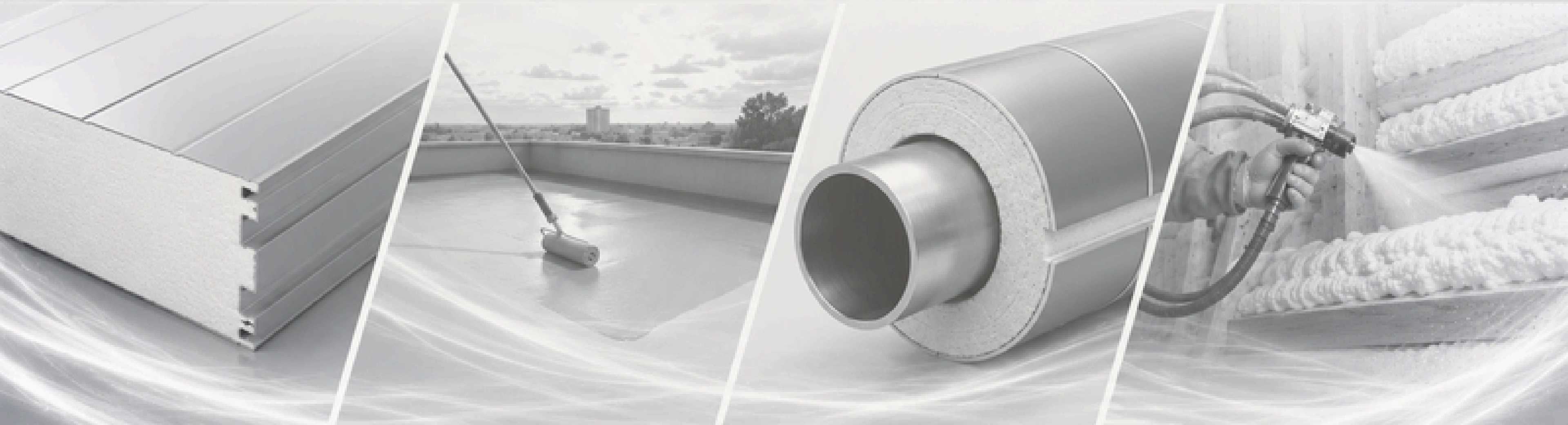


Polyurethane Solutions for Building Industry

The demands placed on modern buildings continue to evolve. Higher energy efficiency targets, stricter fire regulations, faster construction processes and longer service life expectations are reshaping the building industry.

At Kimpur, we develop polyurethane systems that help meet these expectations through solutions for insulation, waterproofing, protective coatings and a wide range of building applications. Designed for both production efficiency and end-use performance, our systems support manufacturers in delivering reliable and high-quality building solutions.

Our building and insulation portfolio is structured around three main system groups: **KIMrigid®**, **KIMspray®** and **KIMcase®**, providing solutions for thermal insulation, building protection and construction applications.



Where Polyurethane Lives Inside a Building?

KIMrigid®
Sandwich
Panel Systems

KIMrigid®
Shutter and
Sectional Doors
Polyurethane Systems

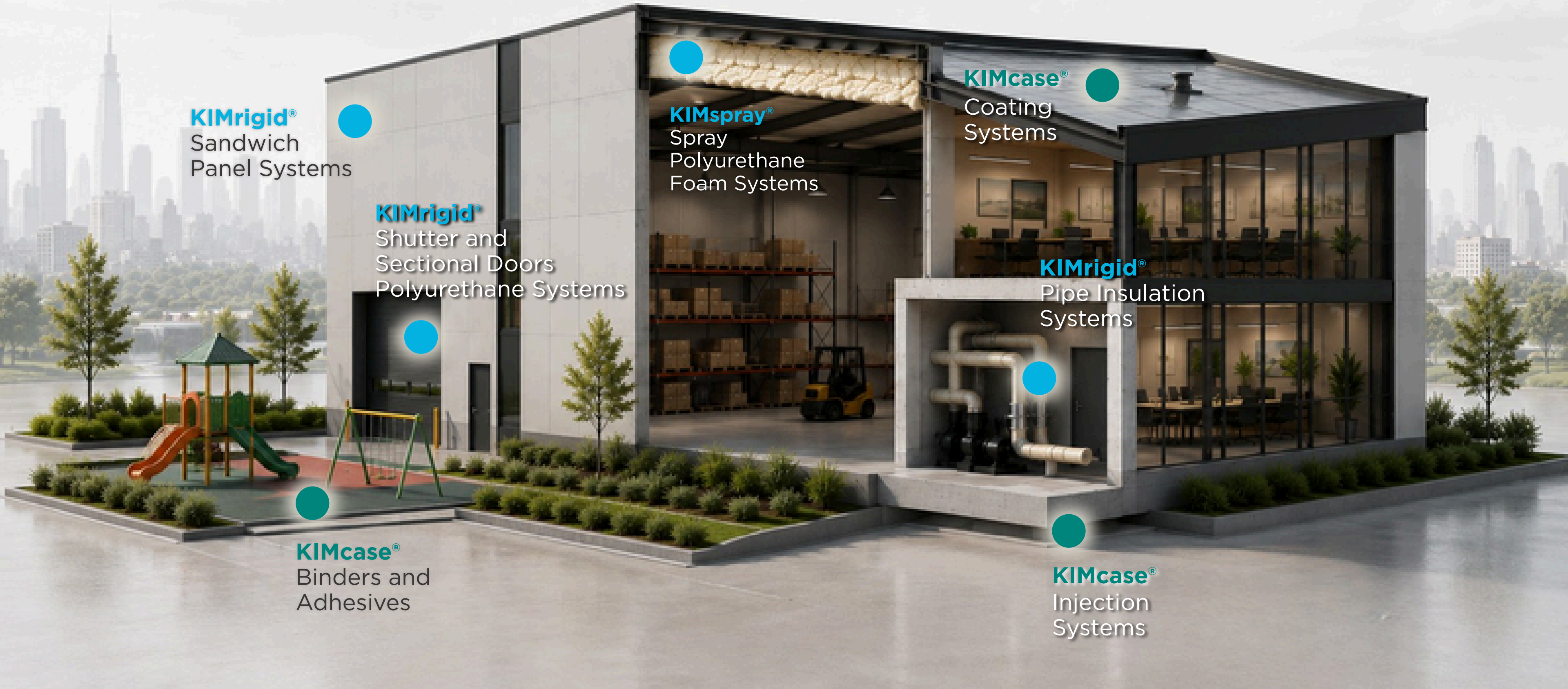
KIMspray®
Spray
Polyurethane
Foam Systems

KIMcase®
Coating
Systems

KIMrigid®
Pipe Insulation
Systems

KIMcase®
Binders and
Adhesives

KIMcase®
Injection
Systems



KIMrigid® Sandwich Panel Systems



Building Facades



Insulation Boards

KIMrigid® Sandwich Panel Systems are developed to meet the growing demand for energy-efficient, durable and high-performance building solutions. Combining excellent thermal insulation with reliable processing characteristics, our systems support the production of sandwich panels used in façades, cold rooms, roofing applications and insulation boards.

The **KIMrigid®** portfolio includes both PUR and PIR continuous systems as well as discontinuous systems tailored to different production technologies and fire performance requirements. Designed for long-term building performance, our solutions help manufacturers achieve high insulation efficiency, consistent product quality and reliable processing.

Production & Performance Benefits



High Thermal Insulation



Enhanced Fire Performance (B-S1, d0)



Lower Thermal Conductivity (λ : 20-21)



Consistent Panel Quality



Dimensional Stability



Reliable Processing Performance

Advanced Solutions for Sandwich Panel Production

KiMRIGID[®]
Rigid Foam Systems



FM Approved PIR Technology

Designed for projects where fire performance is a critical requirement, FM Approved PIR technology combines enhanced fire resistance with high thermal insulation and consistent processing characteristics. Developed to meet internationally recognized standards, it supports the production of sandwich panels used in industrial, commercial and logistics facilities.



Next-Generation Blowing Agent Technology

Developed with next-generation blowing agents, these systems provide up to **20% higher thermal insulation** performance, enable **20% thinner panel designs**, and support a **7% reduction in carbon emissions** compared to conventional solutions.



Bio-Based Sandwich Panel Systems

Containing **10% bio-based content**, these systems help increase the use of renewable resources without compromising thermal insulation or mechanical properties. Compared to conventional systems, they can support up to a **5% reduction in carbon emissions**.



Explore the complete [KiMRigid](#)[®] Sandwich Panel portfolio on our website.

KIMspray® Spray Polyurethane Foam Systems

KiMRIGID®
Rigid Foam Systems

KIMspray® Spray Polyurethane Foam Systems provide seamless insulation solutions for commercial, residential and industrial applications. Applied directly onto the surface, the foam expands rapidly to create a continuous insulation layer that helps minimize thermal bridges and improve energy efficiency.

Suitable for roofs, façades, foundations, cold storage facilities, tanks and pipelines, **KIMspray®** systems can be applied to complex geometries and hard-to-reach areas where traditional insulation materials may be limited. Their versatility, fast application and effective insulation performance make them a preferred solution for a wide range of building and industrial insulation needs.

Production & Performance Benefits



Open & Closed Cell Technologies



Bio-Based Alternatives



Flexible Density Alternatives



Compatible with Next-Generation Blowing Agents



High-Quality Raw Materials



E84 Class A Fire Performance

Learn More About **KiMRigid®** Spray Polyurethane Foam Systems.



KiMrigid® Pipe Insulation System

KiMRIGID®
Rigid Foam Systems



KiMrigid® Pipe Insulation Systems are developed to provide reliable thermal insulation for district heating networks, industrial pipelines and storage tanks. With its low thermal conductivity and closed-cell structure, polyurethane helps minimize heat loss while supporting long-term system efficiency.

Polyurethane insulation also offers excellent resistance to moisture, corrosion and demanding operating conditions, helping extend the service life of insulated systems. Suitable for a wide temperature range, it provides dependable performance in both industrial and infrastructure applications.

Designed in compliance with **TS EN 253** requirements, **KiMrigid® Pipe Insulation Systems** offer high insulation performance and consistent product quality for pre-insulated pipe manufacturers.

Production & Performance Benefits



High Energy Efficiency



High Heat Resistance



High Mechanical Strength



Fast Curing & Efficient Processing



Excellent Adhesion Performance



Bio-Based Alternatives (%15 Bio Content)

Learn More About **KiMrigid®** Pipe Insulation Systems.

KIMrigid® Shutter and Sectional Doors Systems

KiMRIGID®
Rigid Foam Systems



KIMrigid® Shutter and Sectional Door Systems are developed for the production of insulated industrial and commercial door panels. Used as the core material within door profiles, polyurethane contributes to both thermal insulation and structural strength.

Designed for continuous production processes, **KIMrigid®** systems support the manufacture of sectional and roller shutter doors used in logistics centers, industrial facilities and commercial buildings.

Combining reliable processing with consistent foam quality, the systems help manufacturers achieve durable door panels with long-term performance.

Production & Performance Benefits



Thermal Insulation Performance



Consistent Foam Quality



Dimensional Stability



High Production Efficiency

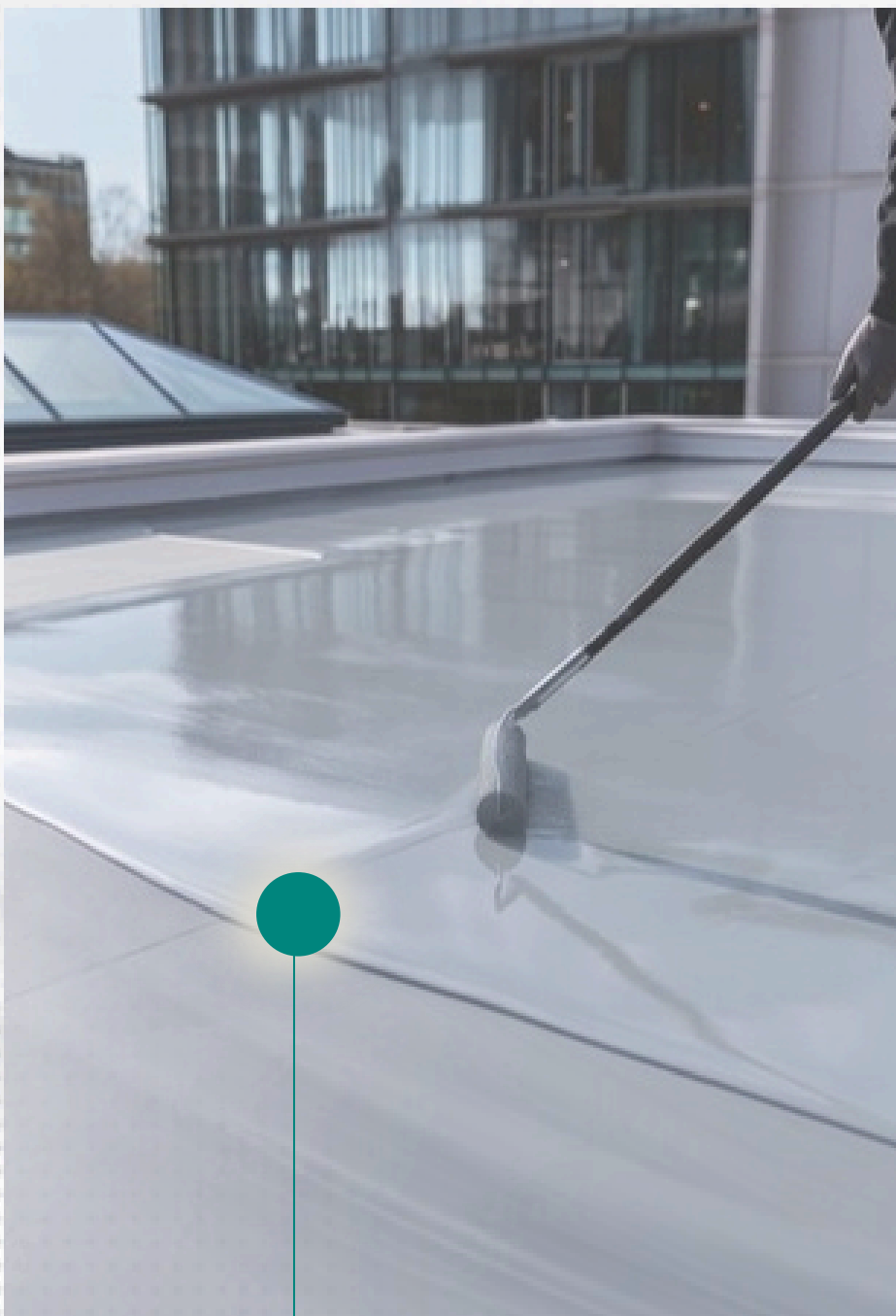


Strong Adhesion Performance



Reliable Processing

KIMcase® Coating Systems



Membran Applications



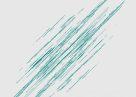
Polyurea Applications

KIMcase® Coating Systems are developed to protect surfaces against moisture, abrasion, chemicals and environmental exposure while enhancing long-term durability.

The portfolio includes polyurea, polyurethane membrane and epoxy-based technologies designed for roofs, terraces, swimming pools, industrial floors, parking structures, water containment facilities and infrastructure projects. Engineered for demanding operating conditions, these systems offer reliable performance on concrete, metal and other commonly used substrates.

Combining strong adhesion, chemical resistance, abrasion resistance and fast application characteristics, **KIMcase®** solutions help protect structures, reduce maintenance requirements and support long-term asset performance.

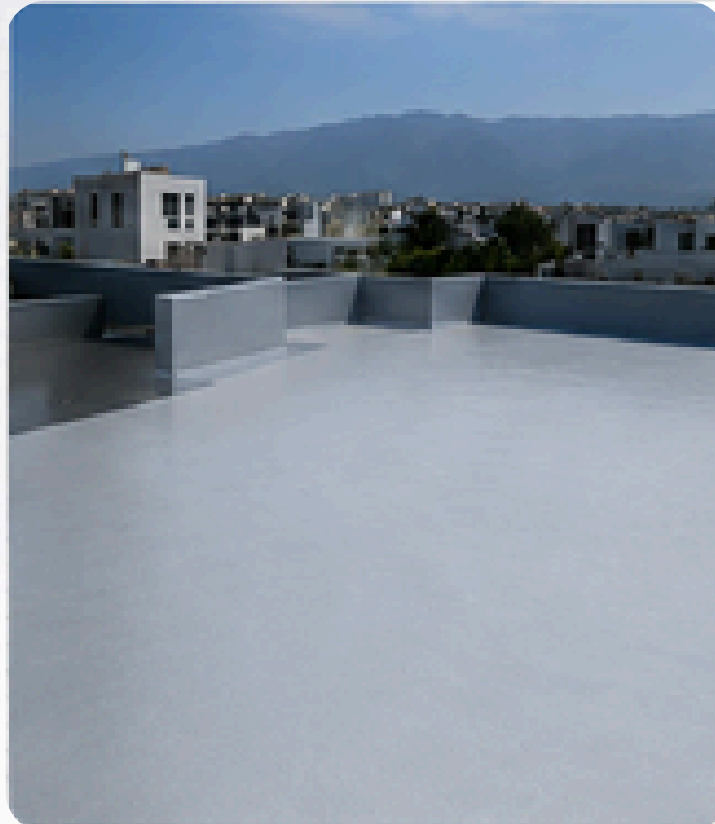
Production & Performance Benefits

 Excellent Waterproofing	 Strong Adhesion
 High Abrasion Resistance	 Fast Application & Curing
 Chemical Resistance	 Crack-Bridging Flexibility

Learn More About **KIMcase®** Coating Systems.

KIMcase® Coating Systems

KIMCASE®
Special Products



KIMcase® Pure Polyurea Systems

High-performance, two-component polyurea coatings for superior protection and long-term durability

Applications

- Roofs, terraces and balconies
- Water tanks, reservoirs, pools
- Foundations and retaining walls
- Industrial structures

Key Features



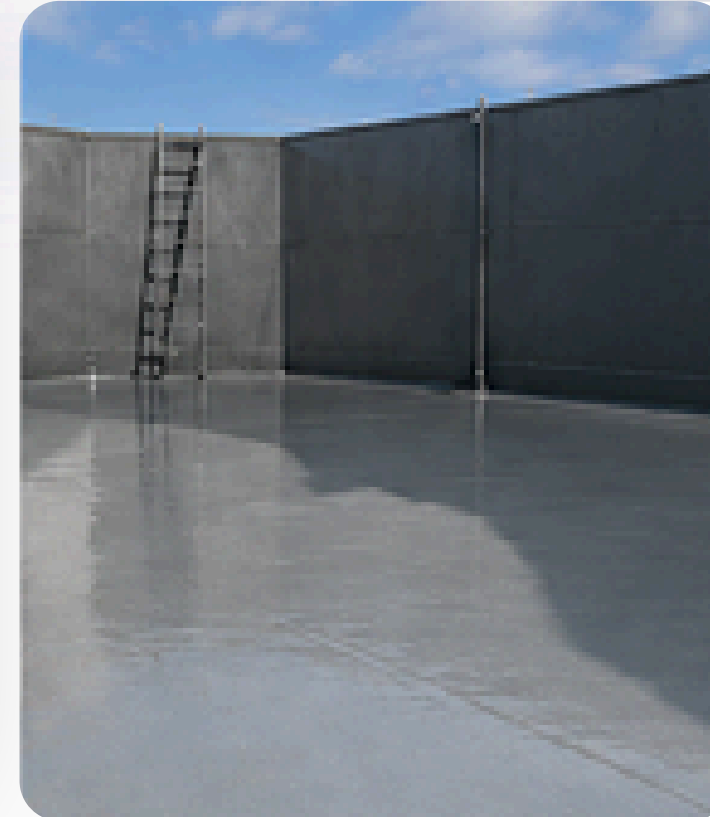
High abrasion
resistance



400%
elongation



High
mechanical
strength



KIMcase® Hybrid Polyurea Systems

Cost-effective, two-component coatings that combine durability and waterproofing performance.

Applications

- Under-screed applications
- Storage tanks and reservoirs
- Foundations and retaining walls
- Areas requiring root resistance.

Key Features



Hydrolysis
resistance



Water vapor
permeability



Root
resistance



KIMcase® Polyurethane Membrane

Single-component, elastomeric coating for waterproofing and surface protection.

Applications

- Roofs, balconies and terraces
- Wet areas and gutters
- Concrete, plaster, screed,
- wood and metal surfaces

Key Features



UV
resistance



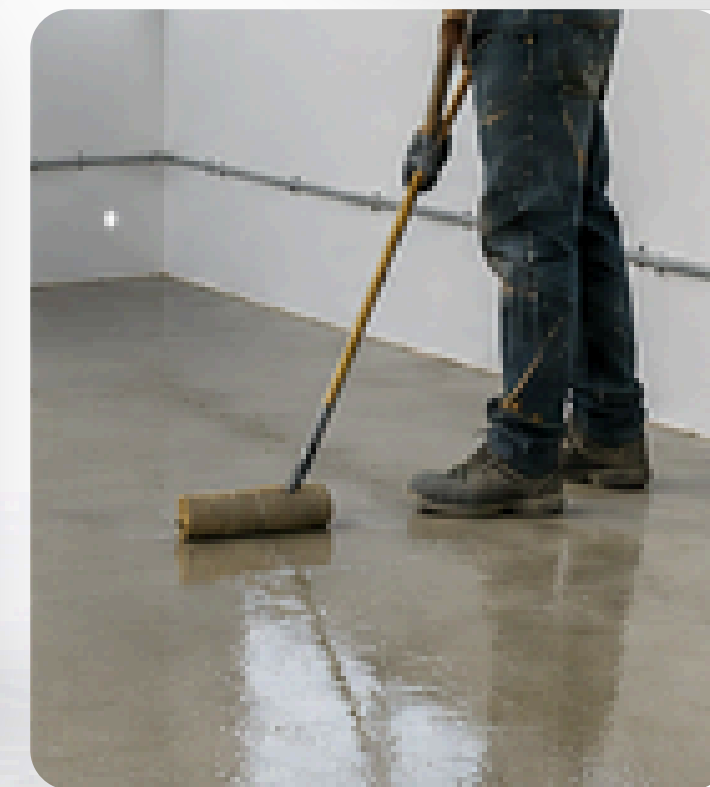
Easy
application



Strong
adhesion



Chemical
resistance



KIMcase® Epoxy Primer Systems

Low-viscosity, two-component epoxy primers for strong adhesion and reliable surface preparation.

Applications

- Concrete surfaces
- Coating preparation
- Dust control and surface strengthening
- Repairs and maintenance.

Key Features



Fast
curing



High
adhesion



Chemical
resistance



Low
viscosity

KIMcase® Binders and Adhesives



KIMcase® Binders

Polyurethane binder systems for EPDM, SBR, and recycled rubber applications requiring durable performance.



APPLICATIONS

-  Sports field surfaces
-  Children's playgrounds
-  Walkways
-  Park and garden flooring
-  Rubber-based products (rubber roll carpets, rubber curb stones)

KEY FEATURES

-  100% solid content
-  Odorless, VOC-free formulation
-  Suitable viscosity and reaction speed for press and casting operations
-  Superior performance in bonding EPDM, SBR and recycled rubber granules
-  Available in aliphatic and aromatic types
-  Hot and cold curing options

KIMcase® Adhesives

Polyurethane adhesive systems delivering strong adhesion, moisture resistance and long-term bonding performance.



APPLICATIONS

-  Wood Industry
-  Construction and building components
-  Facade panels and cladding systems
-  Insulation and sandwich panel bonding
-  Structural bonding in construction
-  Infrastructure and outdoor applications

KEY FEATURES

-  Resistant to water and moisture, suitable for outdoor use
-  Fast curing upon contact with moisture
-  Curing time varies depending on temperature and humidity
-  D4-class polyurethane adhesives offer high water resistance
-  Strong and durable adhesion
-  Reliable performance in demanding applications

KIMcase® Injection System



KIMcase® Injection System is a polyurethane-based injection foam developed specifically for sealing structural cracks where water infiltration may occur.

Upon contact with water, it rapidly expands to fill cracks, delivering powerful sealing performance.

Ideal for tunnels, underground structures, dams, and cold joints, our system stands out due to its solvent-free formulation and exceptional hydraulic resistance.

Production & Performance Benefits

Rapid Expansion & Sealing

Dense Closed-Cell Structure

Excellent Water Resistance

Solvent & VOC-Free Formulation

High Hydrolysis Resistance

Low Viscosity for Deep Penetration

HOW IT WORKS



1
Water is present in the crack.



2
Injection foam reacts with water and expands.



3
Crack is completely filled and water flow is stopped.



THE LARGEST POLYURETHANE SYSTEM HOUSE IN THE REGION

Kimpur is the polyurethane system house with the largest production capacity and sales volume in the region. With its broad product portfolio, strong production infrastructure, international operational network, and agile, solution-oriented approach, The company is positioned as a reliable and preferred system supplier in the global market, exporting to more than 60 countries across five continents. The polyurethane systems developed by Kimpur are used in a wide range of industries, including footwear, automotive, furniture, heating and cooling, insulation and construction, and defense.



Kimpur Corporate Promotional Film
Click to watch





KİMPUR

HEAD OFFICE

İnkılap Mah. Dr. Adnan Büyükdeniz Cad. No:13, B
Blok, Kat:2, İç Kapı No:6 34768, Ümraniye/İstanbul
TÜRKİYE

GEBZE PRODUCTION FACILITY

Gebze Plastikçiler Organize Sanayi Bölgesi İnönü
Mah. Cumhuriyet Caddesi Balçık Yolu Üzeri 7.
cadde No: 43 41400 Gebze / Kocaeli
TÜRKİYE

DÜZCE PRODUCTION FACILITY

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

KİMPUR EUROPE PRODUCTION FACILITY

Brīvības iela 103, Liepāja, LV 3401,
LETONYA

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