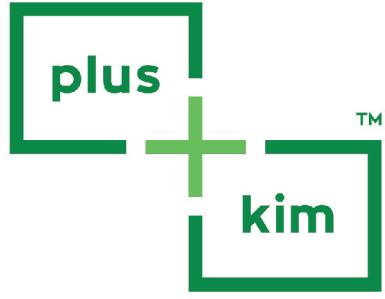


# Chemistry for Good



# WHO ARE WE?

## ABOUT US

In today's world being distinguishable is the essential target for any company, and PLUSKIM's goal is to represent the evolution of chemistry; by satisfying both the market requirements for the end users, as well as the social, resource-saving and environmental constraints of the industrial-scale processes. Mainly, we put the comfort of the customer first.

We aim to respond to requests and orders from all around the world instantly. We do not only seek to be an integrated brand by only a product based, but also to look after our customer satisfaction.

With a team which is fast, young, sincere and open to learn and teach, we continue to grow by transferring the experiences gained by 2008 to be beneficial to our customers.

## OUR VISION

Our vision is to occupy a prestigious position in this field by being amongst the top companies on turnover basis before 2024 and to provide services on Polyurethane and Auxiliary Chemicals in all sectors in Turkey and all the worldwide.

## OUR MISSION

Our mission is to carefully maintain all customer's, employee's and supplier's satisfaction. Achieving this, will be by closely seizing the technology and innovations, whilst adding a decent value to this field for the business partners with maximum efficiency production.

## OUR VALUES



We carefully maintain our sustainability, strategy and principles while we work.



We carefully commit to the ethical relationship with our business partners inside and outside the company.



We increase the value of our company by evolving new investments, creating ideas, maintaining new projects and products.



One of our main objectives are environmental and social responsibility conscious.

# Chemistry for Good



## EXPORT

We are proud to export to more than 40 countries in 6 different continents, we are growing together.



## TECHNICAL SUPPORT

We Interiorize; Better Service Means a Better Business, Retain Customers and Build our Reputation.



## ZERO WASTE

We adopt a zero waste approach, protecting natural resources, and reducing pollution caused by production and disposal.



## CAPACITY

We increase our capacity by evaluating our internal process and supplier efficiency well and finding solutions.



## RELIABLE SUPPLIER

We believe that our remain compliant with industry standards, keeping information up to date, strive continually to improve and demonstrate innovative polyurethane systems is crytical for us to continue to be a reliable partner and supplier.



## SUSTAINABILITY

We protect the future by thinking green and care of the economy, ecology, and equity with a process for creating sustainable successful places that promote wellbeing, by understanding what people need from the places they live and work.

# Chemistry for good

We are Pluskim  
PolyurethaneSystem  
House

## OUR PRODUCTS

- **RIGID** POLYURETHANE SYSTEMS
- **FLEXIBLE** POLYURETHANE SYSTEMS
- **FOOTWEAR** POLYURETHANE SYSTEMS
- **CASE** POLYURETHANE SYSTEMS
- **PLUSTEROL** POLYESTER POLYOS
- **PLUSNATE** PREPOLYMERS
- **RAW MATERIALS**





# Chemistry for **Good**

(50.000 per/year) Production Capacity

# POLYURETHANE

# SYSTEMS are Everywhere

# in Life!



Polyurethane Systems  
for Refrigerators



# RIGID

## POLYURETHANE SYSTEMS

Rigid Polyurethane Systems are characterised by high physical and chemical resistance, thermal insulation, load carrying capacity, long life, moisture resistance, ease of application...etc. These features made polyurethane superior among other raw materials in which makes its usage increases in the industrial area day by day.

### PLUSOL-R Series

**Polyurethane Systems for Refrigerators**

**Polyurethane Systems for Sandwich Panels (PIR-PUR)**

**Polyurethane Systems for Spray Open Cell / Closed Cell**

**Polyurethane Systems for Cold Rooms**

**Polyurethane Systems for Wood Imitation**

**Polyurethane Systems for Decorative**

**Polyurethane Systems for Boilers**

**Polyurethane Systems for Shutter**

**Polyurethane Systems for Geothermal Pipe Insulation**

**Polyurethane Systems for Block**



# FLEXIBLE POLYURETHANE SYSTEMS

PLUSOL-F-201 and PLUSNATE-F-200 series are Pluskim's two component MDI based highly resilient and flexible polyurethane foam systems.

HR Molded polyurethane systems are characterized by high sag factors and improved hysteresis curves compared to the usual slab foams.







## **PLUSOL-F** Series

**Office Furnitures**

**Automotive-Construction  
Machinery**

**Viscoelastic Memory Foam  
Polyurethane Systems**

**Filter Polyurethane Systems**

**Integral Polyurethane Systems**



**Comfortable Life!**

# FOOTWEAR

## POLYURETHANE SYSTEMS

PLUSOL-A and PLUSNATE-A PLUSCAT-A are premium quality polyurethane systems for all types of shoes. They are lightweight, abrasion resistant polyurethane systems with excellent physical and long-term mechanical properties.

It is suitable for the production of both seasonal and sports soles. These PU systems are specially produced with different hardness values ranging from 45-90 Shore-A according to usage values and molded density between 35 and 55 km / m<sup>3</sup>

### Structural Features

- Comfortable
- Superior surface quality
- High elasticity value
- Light and ergonomic
- Different hardness

### PLUSOL-A Series

**Polyurethane Systems for Winter Sole**

**Polyurethane Systems for Summer Sole**

**Polyurethane Systems for Spring Sole**

**Polyurethane Systems for Slipper&Sandal**

**Polyurethane Systems for Insole**

**Polyurethane Systems for Safety Shoes**

**Polyurethane Systems for Sportive Sole**





# CASE

## POLYURETHANE SYSTEMS

These polyurethane systems are suitable for different applications such as coating(waterproofing), adhesive binder, free casting or molded; due to its high quality and features, CASE polyurethane systems are encountered in many areas of our lives.





## **PLUSOL-C** Series

**Polyurea Water Insulation Systems**  
Pure Polyurea / Hybrid Polyurea

**Polyurethane Adhesives**

**Prepolymers**

**Cold Elastomer Polyurethane Systems**

**Polyurethane Binders**  
**EPDM-Rubber Binder**

**Polyurethane Binders**  
**Rebonden Foam Binder**

# PLUSTEROL

## POLYESTER POLYOLS

### **Plusterol-R Polyester Polyols Series for Rigid Systems**

They are polyester polyols produced for PIR and PUR formulations in aromatic structure with different functionality, OH and viscosity ranges.

### **Plusterol-A Polyester Polyols Series for footwear systems**

They are polyester polyol systems produced for high flex-step number, low density, different hardness and hydrolysis-abrasion values in aliphatic structure.

- Linear
- Cross
- Graft

### **Plusterol-F Polyester Polyols Series for Flexible (Slab) Systems**

They are polyester polyols that provide different cell sizes and mechanical properties in the production of aliphatic and aromatic sponges.

### **Plusterol-C Polyester Polyols Series for OCF Systems**

Special polyester polyols produced for the Case and OCF industry.





# PLUSNATE

## PREPOLYMERS

Pluskim carries out prepolymer synthesis in the desired NCO range and viscosity value according to customer demand.

- Plusnate C-500-07
- Plusnate C-500-10
- Plusnate A-400-01
- Plusnate A-400-02
- Plusnate F-200-01
- Plusnate F-200-02





# RAW MATERIALS

Depending on the application area, physical and chemical properties of raw materials change. Raw materials are represented in paints, coating materials, block sponge, OCF (tube foam).



# RAW MATERIALS

## Polyurethane Flame Retardants

## Catalysts

### Plastifiers

DOTP

DIBP

DOA

DBM

### Glycols

MEG (Mono-ethylene Glycol)

DEG (Diethylene Glycol)

PPG (Polypropylene Glycol)

DPG (Di-propylene Glycol)

### Polyols

Polyether Polyols

Polyester Polyols

## TDI (80/20)

### Izocyanates (MDI)

Polymeric MDI

Monomeric MDI

Modified MDI

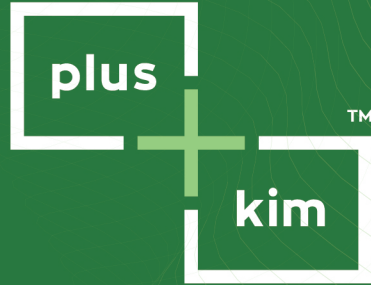
# Chemistry for Good

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