

**PRODUCT AND SYSTEM
CATALOG**

POLiN Kimya

Since 1989...

www.polinkimya.com



Since 1989...

    / **POLiNKimya**

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Since 1989...

POLiN Kimya

ABOUT US



Founded in 1989, **Polin Kimya Sanayi ve Ticaret AS**, with specialist and experienced staff on-site has now become one of the leading companies in its field in Turkey.

Polin Kimya manufactures polyurethane, epoxy, hydrocarbon, acrylic and stpehybrid production processes with the accreditation of TÜRKAK, TSE, UKAS and produces at ISO 9001: 2008 and ISO 14001: 2004 standards.

Polin Kimya manufactures hardwood adhesives, rubber adhesives, aromatic SBR and EPDM binders, aliphatic (UV) EPDM binders, epoxy and polyurethane aliphatic (UV) stone binders, synthetic grass adhesives, specific adhesives which are curing in 30-35 sec, industrial floor coatings, sports floor coatings, mold and filling materials, electrical insulation resins, polyurethane waterproofing systems, joint fillers, polyurethane and epoxy water-based paints, filter adhesives and filter gaskets. EPDM Granules in our second factory which is located in Antalya. Our EPDM fatory, Polem Polimer San Tic. Aş is an associated company of Polin Kimya San Tic. Aş.

Polin Kimya, which has increased its product range and production capacity since the year it was founded, owes its place in the sector to production by taking into consideration the needs and expectations of consumers without compromising on quality and customer satisfaction. With the power of R & D unit, Polin Kimya offers customers over 150 products including its patented product from a single point.

Today, with its over 30 years of experience and technical knowledge, **Polin Kimya** exports its products to more than 55 countries by giving priority to customer satisfaction and realizes special production for many local and global brands including the world's major brands.



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OUR CERTIFICATES



PRODUCT LIST



Polin Kimya Products
Wherever You are...

POLiN PU 5049

Polyurethane Transparent Primer

POLiN PU 5005

Polyurethane Filler Surface Primer

POLiN EP 9011

Epoxy Solvent-Free Concrete Primer

POLiN EP 9050

Epoxy Metal Primer

POLiN EP 9008

Epoxy Moisture Barrier

POLiN EP 9111

Epoxy Water-Based Primer

POLiN PU 5006 HV

Polyurethane Sealer

POLiN PU 5006 LV

Polyurethane Sealer

POLiN PU 5006 E

Polyurethane Elastic Sealer

POLiN PU 5166

Polyurethane Sealer



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ADHESIVES



POLiN STPE SILEX

One comp Hybrid Parquet Adhesive

POLiN PU 6009

TIXO-POL Polyurethane Parquet Adhesive

POLiN PU 6006

FLEXI-POL Polyurethane Parquet Adhesive

POLiN PU 6010 P

POWER-Pol Polyurethane Parquet Adhesive

POLiN PU 6006 EL

Polyurethane Parquet Adhesive

POLiN PU 6016

Multi-Purpose Adhesive

POLiN PU 6005

Filter Adhesive for Manual Casting (Slow)

POLiN PU 6005

Filter Adhesive for Automatic Casting (Fast)

POLiN PU 6005 T-LV

Thixotropic Filter Adhesive

POLiN PU 6055

Filter Adhesive for Automatic Casting (Fast)

POLiN PU 6025

Panel Adhesive

POLiN 6045 LV

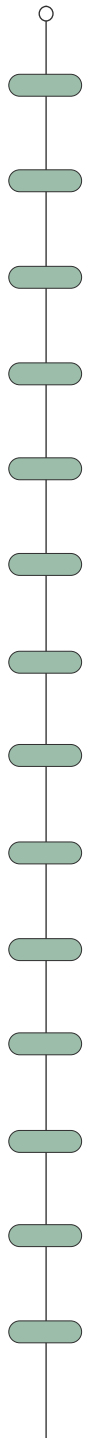
Panel Adhesive

POLiN PP 6087

Polyurethane Wood Glue (Sea Glue)

POLiN 6097

1K FOAM Sponge Adhesive



**RUBBER and SYNTHETIC
ADHESIVES**

**RUBBER BINDERS
(BINDER)**

POLiN PU RUB-X

6009 Rubber Adhesive

POLiN PU RUB-X

6007 Rubber Adhesive

POLiN PU RUB-X

6017 Artificial Grass Adhesive

POLiN PU RUB-X

6015 Artificial Grass Adhesive

POLiN PP 1001/1011/1012

Rub-X Binder Tile Press Binder

POLiN PP 1002

Rub-X Binder Aromatic, Transparent, Pour EPDM Wet-Pour Binder

POLiN PP 1013

Rub-X Binder Elastic & Transparent Binder for SBR Rolls & Wet-Pour System

POLiN PP 1004/1004 G /1004 G-LV

Rub-X Binder Wet-Pour Aromatic Binder

POLiN PP 1000

Aliphatic EPDM Binder

POLiN PP 1005

1005 Rub-X Binder Spray System (Colored) Rubber Binder



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**RUBBER and STONE
BINDERS (BINDER)**

POLYURETHANE COATINGS



POLiN PP 1082
1082 Rub-X Colored Wet-Pour Rubber Binder

POLiN PP 1083
1083 Rub-X Colored Binder For Press and Wet - Pour Systems

POLiN PU 1284 SBR
Granule Colorant

POLiN PP 2000
1K Aliphatic Stone Binder

POLiN PU 2021
2K Aliphatic Stone Binder

POLiN EP 2020
Epoxy 2K Stone Binder

POLiN PU 5001
Polyurethane SL Semi-Elastic Coating

POLiN PU 5008
Top Layer

POLiN PU 5028
Top Layer

POLiN PU 5016
Polyurethane SL Elastic Floor

EPOXY COATINGS

TOP COAT PAINTS

POLiN EP 9002

Epoxy Mortar

POLiN EP 9003

Epoxy SL Floor Coating

POLiN EP 9010

Epoxy Transparent Floor Coating (Clear)

POLiN PU 5052

Polyurethane UV Resistant Paint

POLiN PU 5052 S

Polyurethane UV Resistant Spray Paint

POLiN PU 5051

Polyurethane UV Resistant Transparent Paint

POLiN EP 9114

Epoxy Water-Based Paint

POLiN EP 9014

Epoxy Paint

POLiN EP 9015

Epoxy Texture Design Paint



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**ELECTRICAL INSULATION
CASTING RESINS**

OTHER PRODUCTS



- POLiN EP 9023**
Electric Casting Resin
- POLiN PU 8021**
Electric Casting Resin
- POLiN PU 8003**
Electric Casting Resin
- POLiN PU 8006**
Electric Casting Resin
- POLiN PU 8007**
Electric Casting Resin
- POLiN PLN 8010**
Electric Casting Resin
- POLiN PU 8049**
Winding Varnish
- POLiN PLN HK**
Hydrocarbon Electric Resin

- POLiN PU 7116 2K**
Boat Paste
- POLiN PU 7005**
Injection Material
- POLiN PU 100**
Polin Pu 100 Sealant



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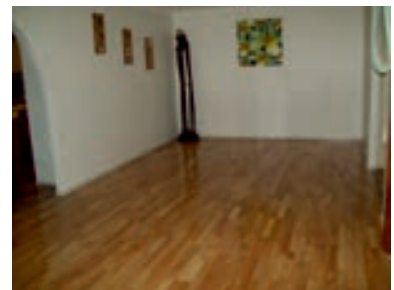
ADHESIVES

POLiN TIXO-POL 6009 PARQUET ADHESIVE



- Solvent-free
- Two component polyurethane based
- Can be used in all types of parquet
- Approximate consumption 1.75 - 2.0 kg/m² (Depends on the surface)
- 9/1 (by weight) mixing ratio
- 30-60 min gelling time
- 10 kg (A+B) set

POLiN FLEXI-POL 6006 PARQUET ADHESIVE



- Solvent-free
- Two-component polyurethane based
- Can be used in all types of parquet
- Approximate consumption 1.25 - 1.50 kg/m² (depending on the floor)
- 6/1 (by weight) mixing ratio
- 30-60 min gelling time
- 7 kg-10 kg (A+B) set

POLİN PU 6006 EL PARQUET ADHESIVE



- Solvent-free and elastic
- Two component polyurethane based
- Can be used in all kinds of parquet
- It can be cleaned without leaving stains on the parquet within 48 hours.
- Approximate consumption 1.00 - 1.25 kg/m² (depending on the floor)
- 6/1 (by weight) mixing ratio
- Gelling time of 45-90 min
- 10 kg (A+B) set

POLİN STPE SILEX HYBRID ADHESIVE



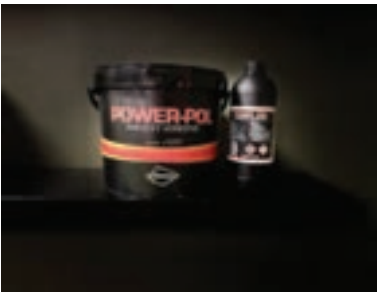
- Polin STPE is Silane based, does not contain water, isocyanate, silicone or solvents
- One-component and flexible
- Can be used in all types of parquet
- It can be cleaned without leaving stains on the parquet within 48 hours.
- Approximate consumption 0.80 -1.00 kg (depending on the floor)
- Gelling time of 60-120 min
- 20kg (4kg x 5 pieces of Aluminum Foil)

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ADHESIVES

POLiN POWER-POL PARQUET ADHESIVE



- Solvent-free
- Double component polyurethane based
- It is used in all types of parquet
- Consumption is 1.75 - 2.0 Kg per m² (Depends on the surface)
- 11/1 (by weight) mixing ratio
- 30-60 min Gelling time
- 10 Kg

POLiN PU 6010F PARQUET ADHESIVE



- Solvent-free
- Two component polyurethane based
- Can be used in all types of parquet.
- Consumption is about 1.75-2.0 kg/m² (depending on the floor)
- 10/1 (by weight) mixing ratio
- 30-60 min Gelling time
- 10 Kg

POLİN RUB-X 6007 RUBBER ADHESIVE



- Solvent-free
- Two component polyurethane based
- It is used for gluing rubber tiles and rolls to the floor.
- 7/1 (by weight) mixing ratio
- Approximate consumption 1kg/m² (Depends on the surface)
- Cream color.
- It can be stored for 12 months under standard room conditions in its unopened original packaging.
- In 24 kg (A+B) Plastic or Metal packaging.

POLİN RUB-X 6009 RUBBER ADHESIVE



- Rub-X adhesive is a polyurethane based rubber adhesive that does not contain solvents.
- It is resistant to humidity, water and most chemicals.
- High abrasion resistance and tear strength
- 9/1 mixture ratio (By weight)
- Approximate consumption 1kg/m² (Depends on the surface)
- It is supplied in 10 and 24 kg. (A+B) sets.

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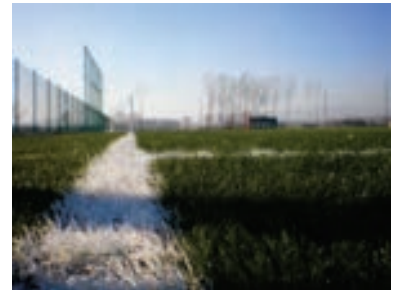
ADHESIVES

POLiN RUB-X 6017 SYNTHETIC GRASS ADHESIVE



- Solvent-free
- Two component polyurethane based
- It is used in artificial grass turf joints
- 7/1 (by weight) mixing ratio
- Green color
- It can be stored for 12 months under standard room conditions in its unopened original packaging.
- In 11.5 kg, 13 kg, 24 kg, 36 kg Plastic or Metal packaging.

POLiN RUB-X 6015 SYNTHETIC GRASS ADHESIVE



- Solvent-free
- Two component polyurethane based
- It is used in artificial grass turf joints
- 5.25/1 (by weight) mixing ratio
- Green color
- It can be stored for 12 months under standard room conditions in its unopened original packaging.
- In 25 kg Plastic or Metal packaging.

AUTOMOTIVE SECTOR & MULTIPURPOSE ADHESIVES



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MULTUPURPOSE POLYURETHANE SANDWICH PANEL ADHESIVES

POLIN PU 6025 - POLIN PU 6045



POLIN PU 6045

Packing

6, 24, 36 kg (A+B) metal buckets



POLIN PU 6025

Packing

12 kg - 24 kg - 36 kg (A+B) metal buckets ,
360 kg Barrels

Usage:

- Polin PU 6025 and Polin PU 6045 are two-component, solvent-free polyurethane based adhesive.
- Durable to water, moisture, abrasion, impact, acid-alkali, seawater and most chemical and corrosive materials
- High adherence to the surface that is applied
- Solvent free
- Does not shrink volumically after drying
- Prevents leaks of liquids

Polin PU 6025 and Polin PU 6045 are multi-purpose industrial adhesive and it is also used as filling and molding material. The product is used for Sandwich Panel producement for refrigerated trucks, caravans, and motorhomes. It is used as bonding material for rubber, insulation materials, glass, metal, concrete, plywood, chipboard and linoleum. Testing is advised before application of PVC flooring materials

POLİN PU 6005 MD FILTER ADHESIVE



FILTER ADHESIVE (Casting by MACHINE)

- Two-component, solvent-free polyurethane based fast curing filter adhesive
- Resistant to water, moisture, abrasion, impact, acid-alkali, sea water and most chemical and corrosive materials and forms a solid layer at the end of hardening process.
- It is a high-adherence, liquid-tight, antibacterial adhesive on the surface where it is applied.
- It is a multi-purpose industrial adhesive.
- It is used for bonding filter paper and Metal or plastic separators in filters.
- It can also be used in industrial rubber and insulation coatings, bonding concrete, glass, metal, plywood, chipboard and linoleum tiles.

- 5/1 (by weight)
- Gelling time 5 – 10 min
- Package 36 kg in metal bucet, 200kg (A comp.), 250 kg (B comp) in barrels
- It can be stored for 12 months under standard room conditions in unopened original packages.

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FILTER ADHESIVES

POLiN PU 6005 ED FILTER ADHESIVE



FILTER ADHESIVE (MANUAL casting)

- Two-component, solvent-free polyurethane based filter adhesive
- Resistant to water, moisture, abrasion, impact, acid-alkali, sea water and most chemical and corrosive materials and forms a solid layer at the end of hardening process.
- It is a high-adherence, liquid-tight, antibacterial adhesive on the surface where it is applied.
- It is a multi-purpose industrial adhesive.
- It is used for bonding filter paper and Metal or plastic separators in filters.
- It can also be used in industrial rubber and insulation coatings, bonding concrete, glass, metal, plywood, chipboard and linoleum tiles.

- 5/1 (by weight)
- Gelling time 30 – 40 min
- Package 36 kg in metal bucket
- It can be stored for 12 months under standard room conditions in unopened original packages.

POLiN PU 6055 FILTER ADHESIVE

Polin PU 6055 is a solvent-free, two-component, polyurethane-based filter adhesive suitable for machine castings. It is resistant to water, moisture, abrasion, impact, acid-alkali, seawater and most chemical and corrosive materials.

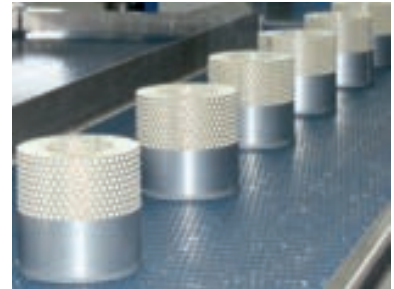
- It has very good filling capacity
- Does not contain solvents
- It has a high adherence to the surface where it is applied
- No shrinkage in volume after curing
- Liquid proof
- Antibacterial
- Viscosity suitable for the casting machine

Packaging;

30 kg metal bucket, 360 kg barrel



POLiN PU 6005 T LV FILTER ADHESIVE



THIXOTROPIC FILTER ADHESIVE

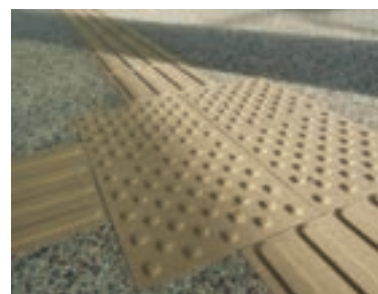
- It is a two-component, solvent-free polyurethane-based thixotropic adhesive.
 - It has resistant to water, moisture, abrasion, impact, acid-alkali, seawater, most chemical and corrosive materials,
 - High adherence to the applied surface,
 - No shrinkage in volume after curing
 - Liquid-tight
 - Antibacterial
 - Suitable viscosity for machine casting.
 - After mixing the two components, it is thixotropic and viscous.
 - Polin PU 6005 T LV is a multi-purpose industrial adhesive used as a filling and molding material.
 - It is used for bonding filter paper to metal or plastic separator together in filters.
-
- 5/1 (by weight) mixing ratio
 - 5 - 10 min Gelling time
 - Package in 36 kg and 300 kg (A Comp.) + 250 kg (B Comp.) barrels.
 - It can be stored for 12 months in standard, room conditions in its unopened original packaging.

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FLOOR ADHESIVE

POLiN PU 6016 MULTI-PURPOSE TACTILE PAVING ADHESIVE



TACTILE PAVING ADHESIVE

Polin PU 6016 is two components polyurethane based, solvent free and multipurpose adhesive. It resist to humidity, water and most of chemicals products. It is a strong adhesive with thixotropic property, high adhesion and durability. It does not contain solvent therefore non - flammable. It resists to heat and external weather conditions.

Except Polyethylene and similar product, it could be applied easily to concrete, stone, wood, metal, aluminum. The adhesive is used for bonding these surfaces.

Approximately 1,00-1,50 kg per m² will be consumed. (It may vary depending on the absorbency of the floor.)

The adhesive must be stored in unopened original package for 12 months under standard room conditions. It is supplied in sets (A+B) of 7 kg. It can be filled in the desired package in certain quantity orders.

The floor to be applied must be smooth, clean and dry. It must be free from mineral oil, dirt, rust and burrs. Never add other materials to the adhesive. During the application, if ambient and surface temperatures are below 5 °C or above 30 ° C, appropriate temperatures should be waited.



Polin Kimya Products
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BINDERS

POLiN PP RUB X BINDER 1001 / 1011 / 1012



BINDER 1001

- One component
- Aromatic, Brown - Yellow color
- Storage Shelf life of 9 months
- Packing 220 kg Barrel

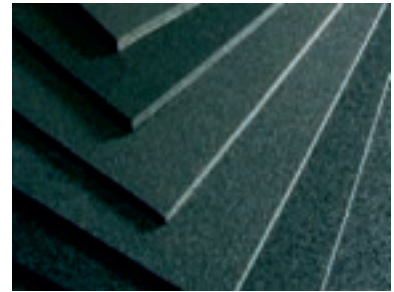
BINDER 1011

- One component
- Aromatic, Brown-Yellow color
- Elastic binder
- Storage Shelf life of 9 months
- Packing 220 kg Barrel

BINDER 1012

- One component
- Aromatic, Light Brown-Yellow color
- High elasticity
- Storage Shelf life of 9 months
- Packing 220 kg Barrel

POLiN PP RUB X BINDER 1082 /1083



COLORED BINDER FOR
PRESS & WET - POUR SYSTEMS

BINDER 1083

- One component
- Aromatic, colorful
- Elastic binder
- Storage Shelf life of 9 months
- Packing 220 kg Barrel

COLORED BINDER FOR
WET-POUR SYSTEMS

BINDER 1082

- One component
- Aromatic, colorful
- High elasticity
- Storage Shelf life of 9 months
- Packing 220 kg Barrel

POLiN PP RUB X BINDER 1004 / 1004 G / 1004 G-LV



BINDER FOR WET-POUR SYSTEMS

BINDER 1004

- One component
- Aromatic, Brown - Yellow color
- Storage Shelf life of 9 months
- Packing 220 kg Barrel

BINDER 1004 G

- One component
- Aromatic, Brown - Yellow color
- Storage Shelf life of 9 months
- Packing 200 kg Barrel

BINDER 1004 G-LV

- One component
- Aromatic, Brown - Yellow color
- Storage time 9 months
- Longer pot-life
- Packing 200 kg Barrel

POLiN PP RUB X BINDER 1024



BINDER FOR WET-POUR SYSTEMS

BINDER 1024

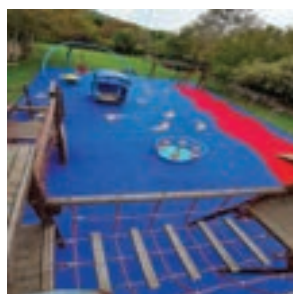
- One component
- Aromatic, Transparent Yellow
- Storage Shelf life of 9 months
- Packing 200 kg Barrel

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BINDERS

POLiN PP RUB-X BINDER **1002**



TRANSPARENT WET-POUR EPDM BINDER

BINDER 1002

- One component
- Aromatic, Transparent
- Used for EPDM
- Storage Shelf life of 9 months
- Packing 200 kg Barrel

POLiN PP RUB-X BINDER **1000**



ALIPHATIC WET POUR EPDM BINDER

BINDER 1000

- One component
- Aliphatic, Transparent
- Used for EPDM.
- Storage Shelf life of 9 months
- Packing 220 kg Barrel

POLiN PP RUB X BINDER 1005



SPRAY RUBBER BINDER

BINDER 1005

- One component
- Aromatic, Red - Green
- Storage Shelf life of 9 months
- Packing 200 kg Barrel

POLiN PP RUB-X BINDER 1013



BINDER FOR WET-POUR SYSTEMS **BINDER 1013**

- One component
- Aromatic, transparent
- With high elasticity
- Packing 225 kg Barrel



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BINDERS

POLiN DECORATIVE STONE BINDER (BINDER)



Polin EP-2020 Stone Binder

- Two-component Epoxy - based - Transparent
- It is used for Natural and Colored Granules
- No UV Resistance
- Storage Shelf life of 12 months
- Packing 16kg and 352kg barrels

Polin PP 2000 Stone Binder

- One-component Aliphatic - Transparent
- It is used for Natural and Colored Granules
- UV Resistant
- Storage Shelf life of 9 months
- Packing in barrels of 220kg,50kg,7kg

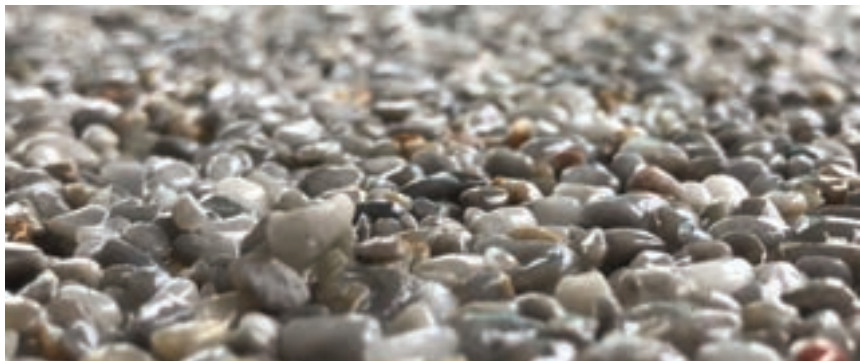
Polin PU 2021 Stone Binder

- Two-component Aliphatic - Transparent
- It is used for Natural and Colored Stone Granule
- UV Resistant
- Storage Shelf life of 12 months
- Packing 18kg (A+B component)

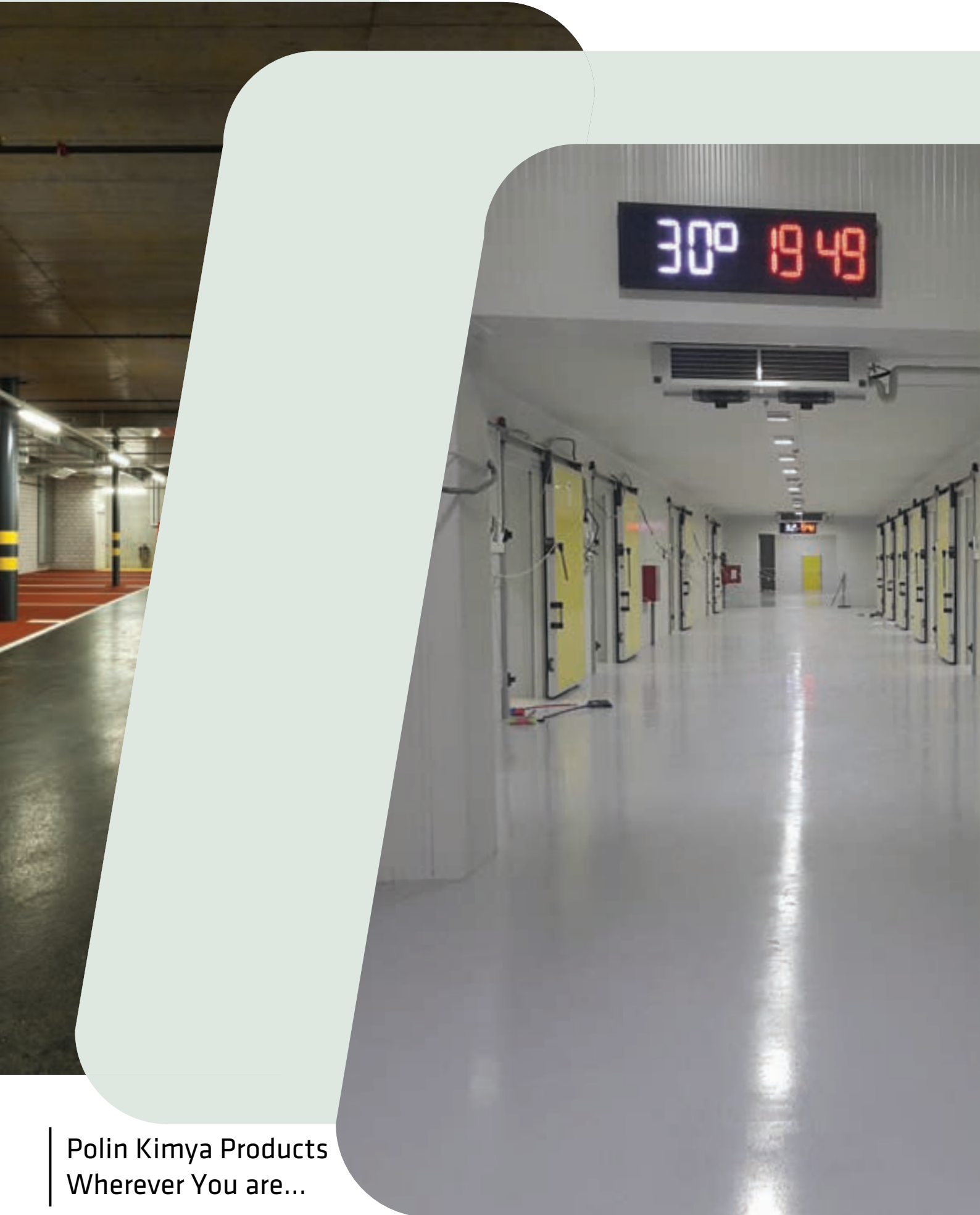
Polin Stone binder is an ideal product for crossings, parks and gardens, walking paths and bicycle paths. This system provides a decorative, durable surface with the use of a wide range of natural or colored stones applied to the surface. Polin Stone binder is applied to asphalt or concrete to create a decorative and durable surface.

Specifications: Provides Decorative/Aesthetic appearance. UV resistant is used on walking paths/Places with light traffic load. It does not require special care. It allows a non-slip surface. It is not affected by the wind. It does not turn yellow. Easy to clean. It is resistant to moisture, water and most chemicals.

Areas of application: walking, jogging paths, parks and gardens, decorative areas indoors, outdoors, around the pond, botanical parks and gardens, pool area, children's playground, private parking, balconies and terraces.



INDUSTRIAL FLOOR SYSTEMS



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INDUSTRIAL FLOORS

SPECIFICATIONS AND APPLICATION AREAS



General Specifications: Industrial floor coatings contains a wide variety of color options with its surface smoothness, easy cleanability, modern and smooth appearance that prevents bacterial growth. It provides a decorative and modern appearance.

Application Areas: Food and industrial production facilities, textile and pharmaceutical or heavy duty factories, hospitals, schools, offices, power stations, data centers, warehouses, auto galleries, car parking & service areas aircraft maintenance hangars, and similar areas, hotels etc...

POLiN POL SF SEMI FLEXIBLE



HOTEL – OFFICE – SHOWROOM – RESTORANT - LABORATORY – CAFE - ENTRESOL , etc.

It is a self leveling, monoblock coating which is a ideal system to provide hygienic,semi ealstic or hard surface. Besides the other synthetic surfaces, the system can be applied to entresols.Upon request UV resistant top coat can be applied in optional RAL codes.

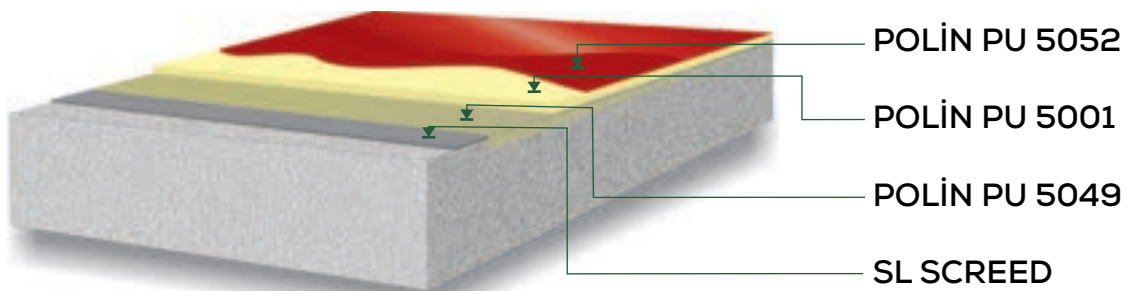
POLiN POL SF SEMI FLEXIBLE

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INDUSTRIAL FLOORS

POLiN POL SF SEMI FLEXIBLE



Coating thickness ~ 2-3 mm

SYSTEM PRODUCTS and USAGE QUANTITIES

Op.	Material	! Material Quantity	Material Properties
	SL Screed	*0,00 kg/m ²	Self levelling floor screed mortar
1-	Polin PU 5049	0,15 kg/m ² - 0,25 kg/m ²	PU one component primer.
2-	Polin PU 5001	2,20 kg/m ² - 3,50 kg/m ²	PU two-component, self-levelling, semi elastic coating
3-	Polin PU 5052	**0,20 kg/m ² - 0,30 kg/m ²	PU Two-component, polyurethane UV floor paint

*! The consumptions given above chart is calculated according to the flat surface.
 Consumptions may vary depending on defective, damaged and level differences of floors.
 * For these kind of floors the consumption should be calculated according to the damages and cracks of that floors. .
 ** Polin PU 5052 top coat is applied if UV resistant is requested*



It can be applied in all RAL colors.



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INDUSTRIAL FLOORS

POLiN POL ART **DECORATIVE**



SHOPS - CAFES - RESTAURANTS - SALES OFFICES - FAIRS - TV STUDIOS, etc.

POLIN POL - ART DECORATIVE

It is a system applied for architectural design projects. The base layer products of this system are Polin PU/EP series. Creating a new and unique design possible with Polin PU 5052 UV / Polin PU 5051 top coats, colored sands, particules, glass pieces etc. This application can be done in different kind of art methods and auxiliary materials.

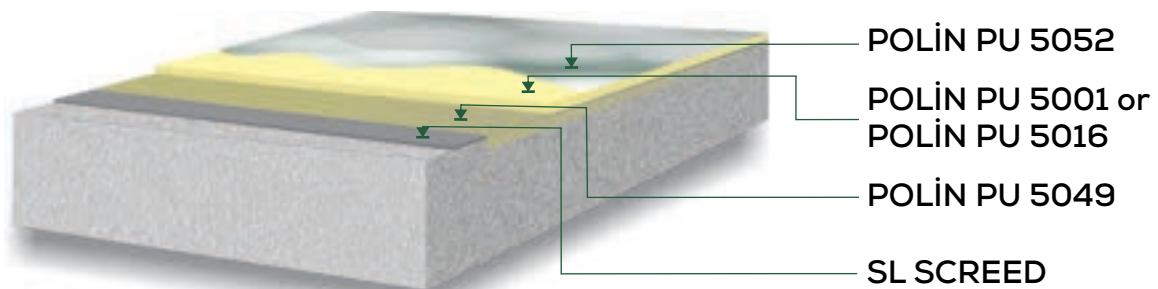


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INDUSTRIAL FLOORS

POLiN POL ART DECORATIVE



Coating thickness ~ 2-3 mm

POLiN POL ART SYSTEM PRODUCTS and USAGE QUANTITIES

Material	Consumption	Material Properties
Op. SL Screed	*0,00 kg/m ²	Self levelling floor screed mortar.
1- Polin PU 5049	0,15 kg/m ² - 0,25 kg/m ²	PU One component liner.
2- Polin PU 5001 or Polin PU 5016	2,20 kg/m ² - 3,50 kg/m ²	PU two-component, self-levelling, semi elastic coating
3- Polin PU 5052 / PU 5051	**0,20 kg/m ² - 0,30 kg/m ²	PU two-component polyurethane UV floor paint

*! The consumptions given above chart is calculated according to the flat surface.
 Consumptions may vary depending on defective, damaged and level differences of floors.
 * For these kind of floors the consumption should be calculated according to the damages and cracks of that floors. .
 ** Polin PU 5052 top coat is applied if UV resistant is requested*



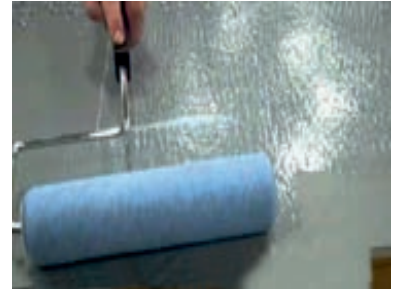
It can be applied in all RAL colors.



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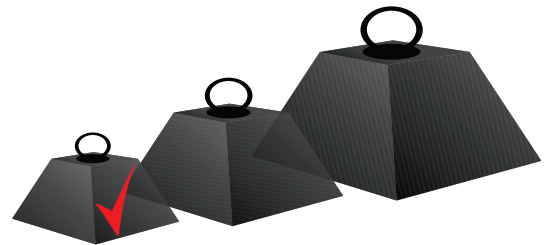
INDUSTRIAL FLOORS

POLiN EP TD **TEXTURE DESIGN**



PARKING LOT – KITCHEN – FOOD PRODUCTION AREA LIGHT WAREHOUSE – LIGHT PRODUCTION AREA etc.

This system is suitable as a coating on floors that are exposed to light loads. The main product Polin EP 9015 is applied with coral roller as a final coat which has a textured design surface. As it is decorative, economical and can be renewed very easily, it is a preferred solution. With the texture pattern it has an anti slip feature.



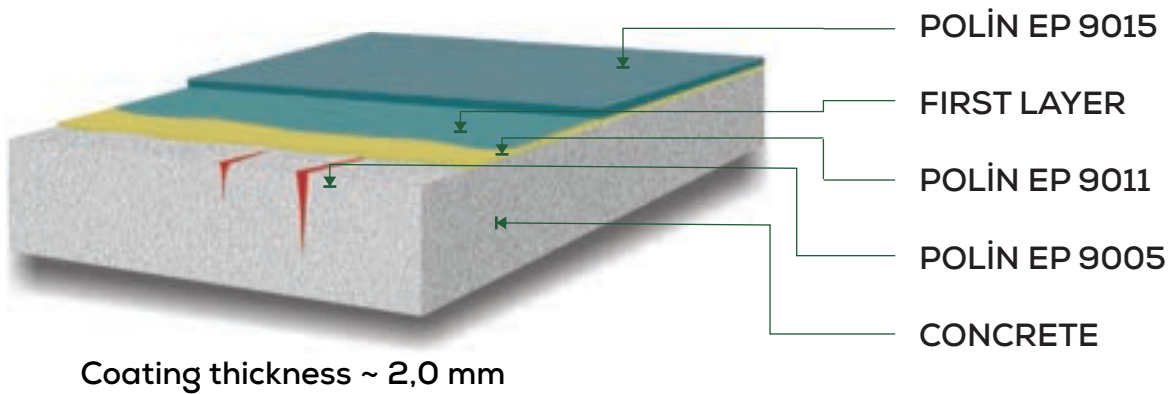
POLiN EP TD
Light Traffic and Light Loads

Since 1989...



INDUSTRIAL FLOORS

POLiN EPEX TD TEXTURE DESIGN



POLiN EPEX TD SYSTEM PRODUCTS and USAGE QUANTITIES

	Material	Consumption	Material Properties
1-	Polin EP 9005	*0,00 kg/ m ² - 0,00 kg/ m ²	EP Sealant(Sealant)
2-	Polin EP 9011	0,300 kg/ m ² - 0,400 kg/ m ²	Epoxy Primer
3-	Polin EP 9015	0,400 kg/ m ² - 0,500 kg/ m ²	Epoxy Textured Paint (First Layer)
4-	Polin EP 9015	0,500 kg/m ² - 0,700 kg/m ²	Epoxy Textured Paint

*! The consumptions given above chart is calculated according to the flat surface.
 Consumptions may vary depending on defective, damaged and level differences of floors.
 * For these kind of floors the consumption should be calculated according to the damages and cracks of that floors.*



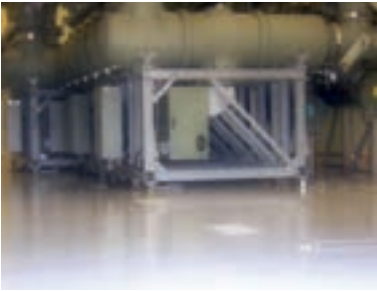
It can be applied in all RAL colors.



Since 1989...

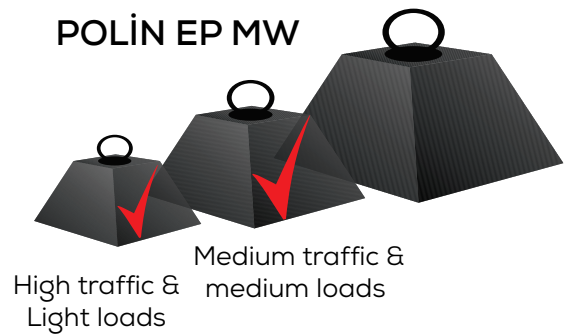
INDUSTRIAL FLOORS

POLiN EP MW



FACTORY FLOORS – KITCHEN – SHOWROOMS – FOOD PRODUCTION AREAS
WAREHOUSE – COLD STORAGE ROOMS

This is the system for medium traffic and loads which is epoxy or polyurethane based with maintaining surface stability. The main product is Polin EP 9003 or Polin PU 5001 self leveling. It is one of the most preferred flooring system with its durability, long life and decorativeness.

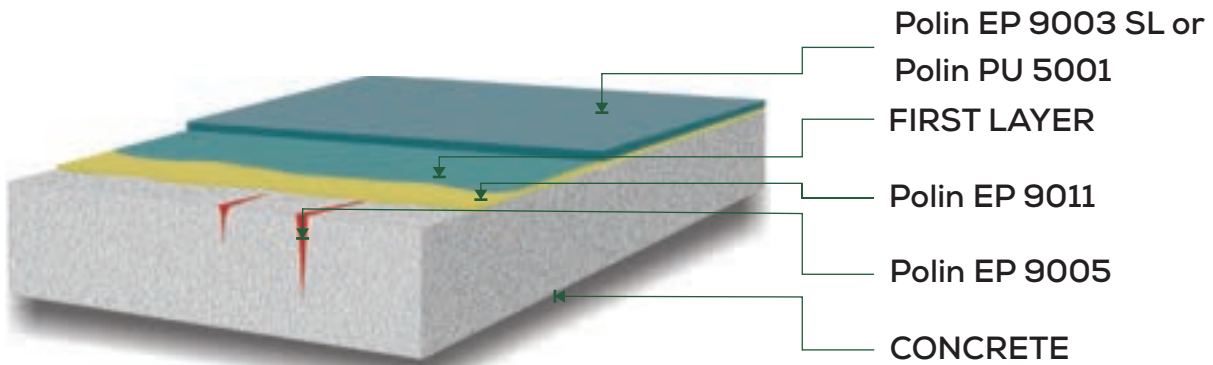


Since 1989...



INDUSTRIAL FLOORS

POLiN EP MW



Coating thickness ~ 2,5-3 mm

POLiN EP HW SYSTEM PRODUCTS and USAGE QUANTITIES

	Material	Consumption	Material Properties
Epoxy System			
1-	Polin EP 9005	*0,00 kg/ m ² - 0,00 kg/ m ²	EP filler Putty(Mastic)
2-	Polin EP 9011	0,300 kg/ m ² - 0,400 kg/ m ²	Epoxy Primer
3-	Polin EP 9003	0,500 kg/m ² - 0,700 kg/m ²	Epoxy first layer
4-	Polin EP 9003	2,00 kg/m ² - 2,50 kg/m ²	Epoxy SL coating
Polyrethane System			
1-	Polin EP 9005	*0,00 kg/ m ² - 0,00 kg/ m ²	EP filler Putty(Mastic)
2-	Polin EP 9011	0,300 kg/ m ² - 0,400 kg/ m ²	Epoxy Primer
3-	Polin PU 5001	0,500 kg/m ² - 0,700 kg/m ²	Polyrethane first layer
4-	Polin PU 5001	2,00 kg/m ² - 2,50 kg/m ²	Polyrethane SL coating

*! The consumptions given above chart is calculated according to the flat surface.
Consumptions may vary depending on defective, damaged and level differences of floors.
* For these kind of floors the consumption should be calculated according to the damages and cracks of that floors..*



It can be applied in all RAL colors.





Since 1989...

INDUSTRIAL FLOORS

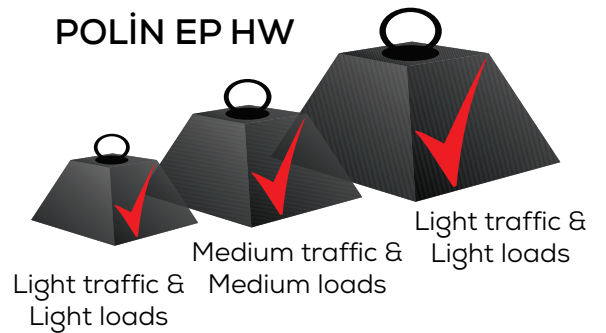
POLiN EP HW



LOADING AREAS – HEAVY PRODUCTION INDUSTRY AREAS Areas which has defective floors etc.

Epoxy mortar Polin EP 9002 is a epoxy based first layer which is durable to heavy weight loads made by mixing epoxy and silica sand. Epoxy mortar application is similar to screed application. Self leveling epoxy is applied as a final coat. UV resistant paint can be applied, if UV resistant requested. It is a long lasting and durable system. It is a solution for heavy loading areas that concrete can be applied.

POLiN EP HW

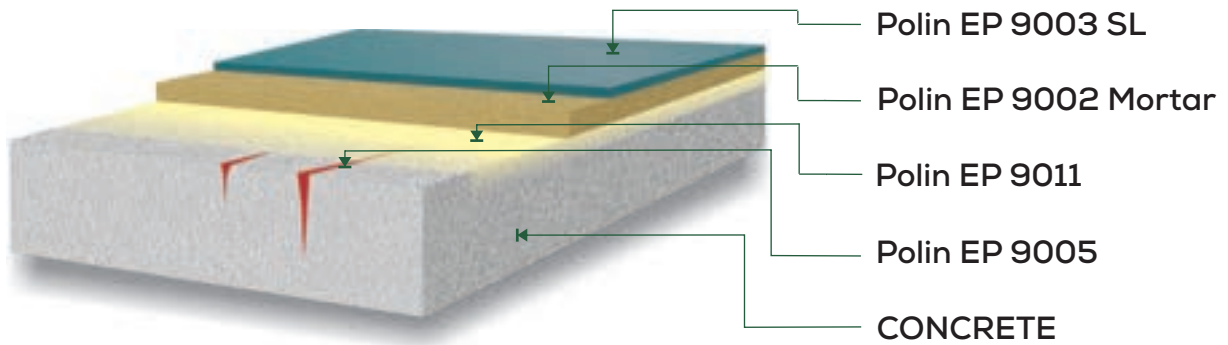


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POLiN Kimya

INDUSTRIAL FLOORS

POLiN EP HW



Coating thickness~ 13 mm

POLiN EPEX HW SYSTEM PRODUCTS and USAGE COMSUMPTIONS

	Material	Consumption	Material Properties
1-	Polin EP 9005	*0,00 kg/ m ² - 0,00 kg/ m ²	EP Sealant
2-	Polin EP 9011	0,300 kg/ m ² - 0,400 kg/ m ²	Epoxy Primer
3-	Polin EP 9002 Mortar	**23.00 kg/ m ² -33.00 kg/ m ²	Epoxy Filled Mortar
4-	Polin EP 9003 SL	2,50 kg/m ² - 3,50 kg/m ²	Epoxy SL Coating

! The consumptions given above chart is calculated according to the flat surface.

Consumptions may vary depending on defective, damaged and level differences of floors.

** For these kind of floors the consumption should be calculated according to the damages and cracks of that floors.*

***In above chart the thickness of mortar is calculated for 10mm. For 1mm thickness the consumption should be calculated 2,20kg.*



It can be applied in all **RAL** colors.

SPORTS FLOOR SYSTEMS



Polin Kimya Products
Wherever You are...

Since 1989...



SPORTS FLOOR SYSTEMS

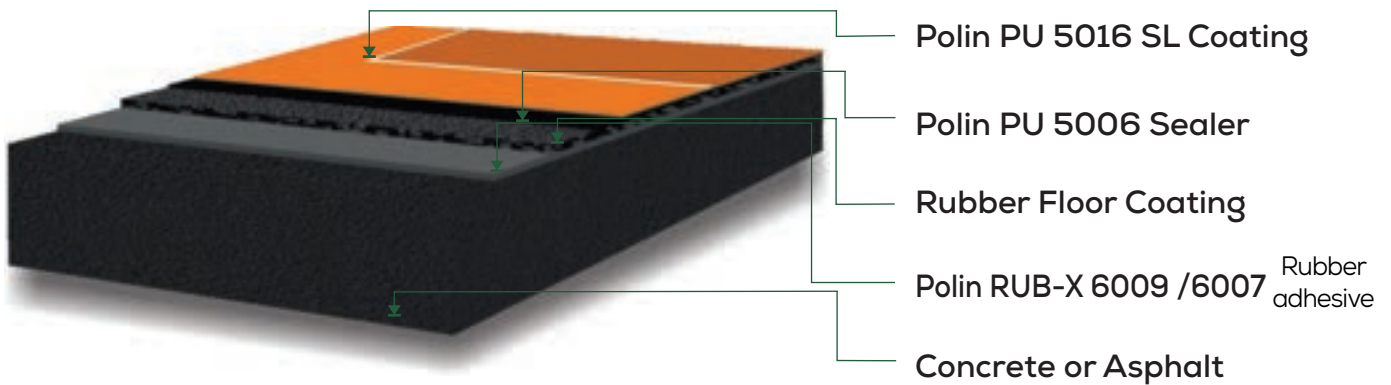
POLINFLEX PU PS **INDOOR SHOOTING RANGE**



It is the most suitable system in terms of safety procedures.

The surface can be cleaned easily as it has no joints.

Upon request the color can be changed by applying topcoat paint.



It can be applied in all **RAL** colors.

POLiNFLEX ECO



FITNESS HALL - KINDERGARDEN SURFACES - MULTIPURPOSE AMATEUR INDOOR SPORTS FLOORS

It is the coating system which is developed for indoor sport facilities for amateur usage such as fitness hall, playground surfaces. It provides maximum comfort to player with its shock absorbant quality. It is longevous. It needs less maintenance than PVC, parquet and other coatings. The surface can be cleaned easily as it has no joints. Upon request the color can be changed by applying topcoat paint and also new surfaces can be created by using alternative colours, adding shapes and logos, etc.

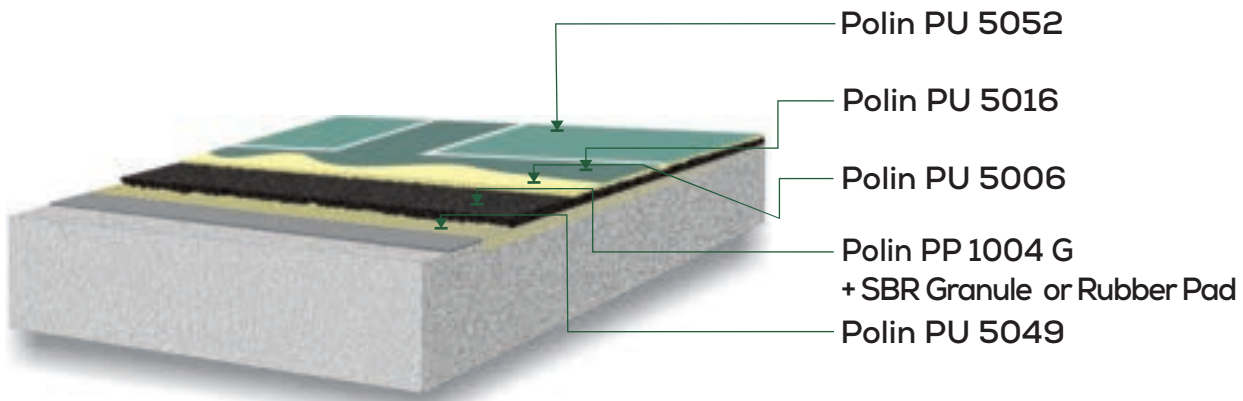


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SPORTS FLOOR SYSTEMS

POLiNFLEX ECO



B- SBR+Polin PU 1004 G applying the mixture by hand

Coating thickness ~ 6 mm

POLiNFLEX ECO SYSTEM PRODUCTS and USAGE QUANTITIES

Material	Consumption	Material Properties
A- Application of the roller with a rubber pad ...		
1- Polin PU 5049	0,15 kg/m ² - 0,25 kg/m ²	One component MDI based PU primer
2- Polin Rub-x	1,00 kg/m ²	PU Two component rubber adhesive
3- Polin SBR Rubber Pad	1,00 m ² /m ²	h: 4.00mm roll rubber pad.
4- Polin PU 5006	0,80 kg/m ² - 1,00 kg/m ²	PU elastic sealer (filler).
5- Polin PU 5016	2,00 kg/m ² - 2,50 kg/m ²	PU self-leveling PU coating
6- Polin PU 5052	0,15 kg/m ² - 0,30 kg/m ²	UV resistant PU floor paint.
B- Manuel Application...		
1- Polin PU 5049	0,15 kg/m ² - 0,25 kg/m ²	One component MDI based PU primer
2- Polin SBR Granule	2,60 kg/m ² - 2,86 kg/m ²	1 -3,5 mm dustless rubber granule.
3- Polin PP 1004 G	0,52 kg/m ² - 0,57 kg/m ²	One component rubber binder
4- Polin PU 5006	*2,00 kg/m ² - 2,50 kg/m ²	PU elastic sealer (filler).
5- Polin PU 5016	2,00 kg/m ² - 2,50 kg/m ²	PU self-leveling PU coating
6- Polin PU 5052	0,15 kg/m ² - 0,30 kg/m ²	UV resistant PU floor paint.

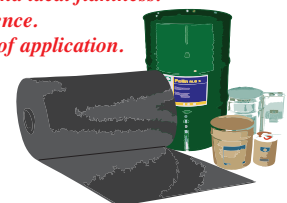
! The mentioned amounts in the table are calculated by considering that the surface has ideal quality and ideal flatness.

These amounts can be changed if the areas are rough, damaged or have elevation difference.

*Consumption of Polin PU 5006 E can be changed according to size of SBR granule and manner of application.



It can be applied in all RAL colors.



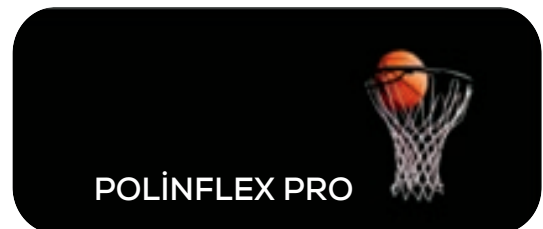
SPORTS FLOOR SYSTEMS

POLiNFLEX PRO



BASKETBALL - VOLLEYBALL - HANDBALL & INDOOR SPORT FACILITIES

It is the coating system which is developed for multi purpose sport areas for professional usage. It is an ideal surface for sport areas. It provides maximum comfort to player with its shock absorbant feature. Polyurethane surface is longlasting and durable. It needs less maintenance than parquet sports floorings. The surface can be cleaned easily as it has no joints. Upon request the color can be changed by applying topcoat.

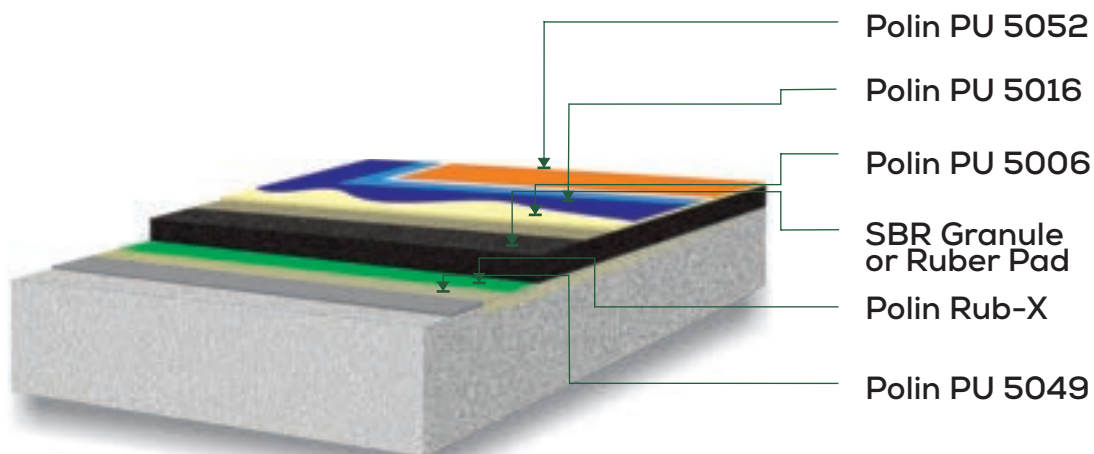


Since 1989...



SPORTS FLOOR SYSTEMS

POLiNFLEX PRO



A- Application with roller rubber pad

Coating thickness ~ 10 mm

POLiNFLEX PRO SYSTEM PRODUCTS and USAGE QUANTITIES

Material	Consumption	Material Properties
A- Application of the roller with a rubber pad ...		
1- Polin PU 5049	0,15 kg/m ² - 0,25 kg/m ²	One component MDI based PU primer
2- Polin Rub-X	1,00 kg/m ²	PU Two component rubber adhesive
3- Polin SBR Rubber Pad	1,00 m ² /m ²	h: 4.00mm roll rubber pad.
4- Polin PU 5006	0,80 kg/m ² - 1,00 kg/m ²	PU elastic sealant (filler).
5- Polin PU 5016	2,00 kg/m ² - 2,50 kg/m ²	PU self-leveling PU coating
6- Polin PU 5052	0,15 kg/m ² - 0,30 kg/m ²	UV resistant PU floor paint.
B- Application with the Finisher Machine		
1- Polin PU 5049	0,15 kg/m ² - 0,25 kg/m ²	One component MDI based PU primer
2- Polin SBR Granule	5.20 kg/m ² - 5.72 kg/m ²	1 -3,5 mm dust-free rubber granule.
3- Polin PP 1004 G	1,04 kg/m ² - 1,14 kg/m ²	One component rubber binder
4- Polin PU 5006	*2,00 kg/m ² - 2,50 kg/m ²	PU elastic filler paste (filler).
5- Polin PU 5016	2,00 kg/m ² - 2,50 kg/m ²	PU self-leveling PU coating
6- Polin PU 5052	0,15 kg/m ² - 0,30 kg/m ²	UV resistant PU floor paint.

The mentioned amounts in the table are calculated by considering that the surface has ideal quality and ideal flatness.

These amounts can be changed if the areas are rough, damaged or have elevation difference.

*Consumption of Polin PU 5006 E can be changed according to size of SBR granule and manner of application.



It can be applied in all RAL colors.



POLiNFLEX JT JOGGING TRACK SYSTEM



JOGGING TRACKS - AMATEUR SPORTS AREAS - PLAYGROUNDS

It is a flexible coating system used for walking ways and jogging tracks. The thickness of coating may change between 15 - 20 mm. It is an elastic and shock absorbent system. Available to apply in vary colours.



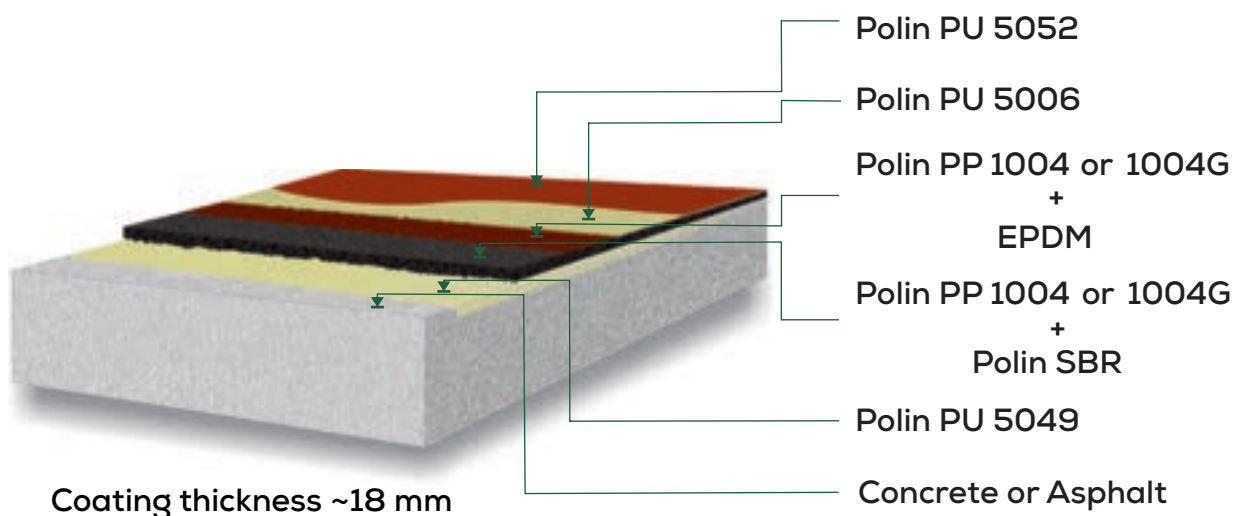
POLiNFLEX JOGGING TRACK

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SPORTS FLOOR SYSTEMS

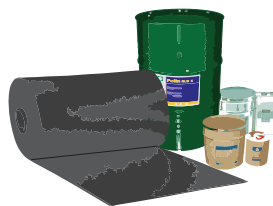
POLiNFLEX JT JOGGING TRACK SYSTEM



POLiNFLEX JT JOGGING TRACK SYSTEM PRODUCTS and USAGE QUANTITIES

Material	Consumption	Material Properties
A- Application with Rubber Flooring Machine		
1- Polin PU 5049	0,2 - 0,3 kg/m ²	One component MDI based PU primer
2- Polin SBR	7,8 - 8,5 kg/m ²	2.5mm - 3.5mm dust-free rubber granule.
3- Polin PP1004 or Polin PP 1004G	1,4 - 1,53 kg/m ²	One component rubber binder
4- EPDM (0,5 – 1,5mm)	5.00 - 5.50 kg/m ²	EPDM colored, elastic rubber granule
5- Polin PP1004 or Polin PP 1004G	1 - 1,1 kg/m ²	One component rubber binder
6- Polin PU 5006	1,5 - 2.0 kg/m ²	PU elastic sealant (filler)
7- Polin PU 5052	0,25 - 0,35 kg/m ²	UV resistant PU floor paint

! The mentioned amounts in the table are calculated by considering that the surface has ideal quality and ideal flatness. These amounts can be damaged if the areas are rough, damaged or have elevation difference.



It can be applied in all RAL colors.

POLiNFLEX C COMBINED SYSTEM



PLAYGROUNDS - AMATEUR ATHLETICS TRACKS - TENNIS - JOGGING TRACKS- TENNIS COURT

It is a coating system for amateur competitions, trainings, sport areas, jogging tracks and playgrounds . It is shock absorber. SBR and EPDM granules are mixed with Polin PU 1004 Rub-X and Polin PU 1002 Rub-X Binder and applied by paving machine on large areas or manually on small areas. The thickness is available upto 20 cm. It has fine-porous and water permeable surface. If it is applied to water permeable concrete, there is no need to give a slope.

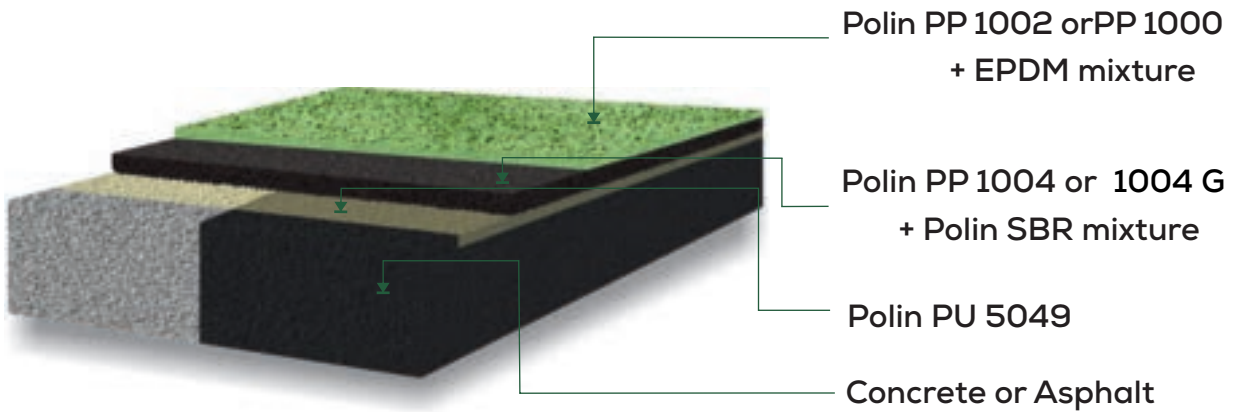


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SPORTS FLOOR SYSTEMS

POLiNFLEX C **COMBINED SYSTEM**



B- Application with finisher

Coating thickness ~ 8+7 mm

POLiNFLEX C COMBINED SYSTEM PRODUCTS and USAGE QUANTITIES

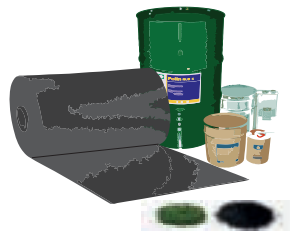
Material	Consumption	Material Properties
A- Application with finisher...		
1- Polin PU 5049	0,20 kg/m ² ~ 0,30 kg/m ²	One component PU Primer
2- Polin SBR	5,20 kg/m ² ~ 5,72 kg/m ²	Dust-free 1-3.5mm rubber granule.
3- Polin PP 1004 or Polin PP 1004G	1,04 kg/m ² ~ 1,14 kg/m ²	One component rubber binder
4- EPDM granule 1-3,5	7,00 kg/m ² ~ 7,70 kg/m ²	EPDM colored, elastic rubber granule
5- Polin PP 1002 or Polin PP 1000	1,40 kg/m ² ~ 1,54 kg/m ²	One component EPDM rubber binder

The amounts in the table are calculated by assuming that the floor to be applied is of ideal quality and in a stable condition.

These amounts may vary in different alarms that are broken or damaged.

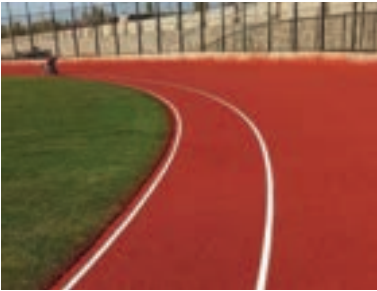
**In red and dark green EPDM colors, POLiN PP 1002 is recommended to preserve the color for a long time.*

For other EPDM colors, Aliphatic UV POLiN PP 1000 is recommended.



It can be applied in all EPDM colors.

POLiNFLEX SC SPRAY COATING SYSTEM



AMATEUR ATHLETICS TRACKS & AREAS – JOGGING TRACKS – WALK WAYS

It is an EPDM coating system for walk ways, jogging tracks amateur competitions, training areas and sport areas etc. It is shock absorber. The shock absorbent bottom layer is applied by paving machine with mixture of Polin SBR and Polin PU Binder. The mixture of 0,5 – 1,5 mm EPDM granules and Polin PU 5008 are applied by spraying machine as a final layer. This system has textured surface.

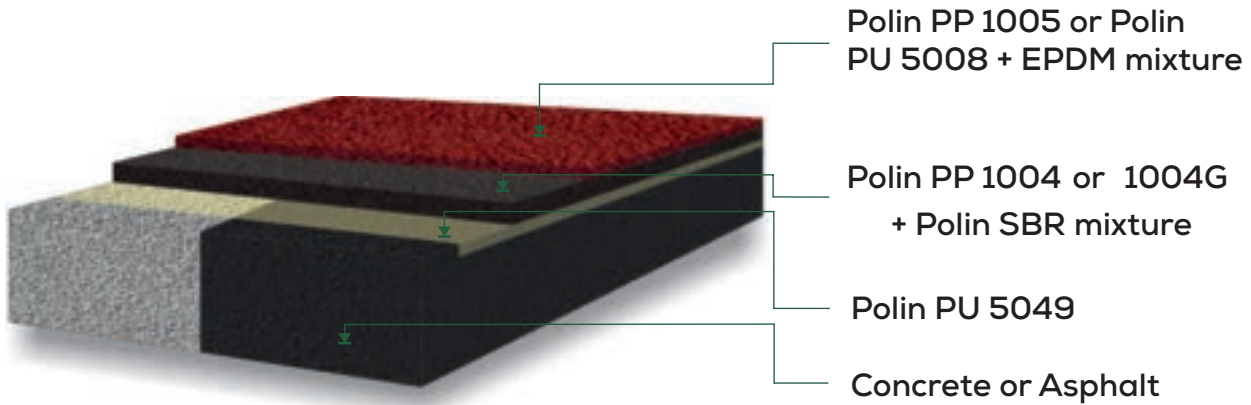


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SPORTS FLOOR SYSTEMS

POLiNFLEX SC **SPRAY COATING SYSTEM**



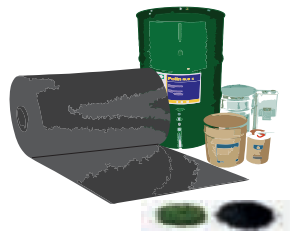
B- EPDM application with Finisher and Spray

Coating thickness ~ 13 mm

POLiNFLEX SC SYSTEM PRODUCTS and USAGE QUANTITIES

Material	Consumption	Material Properties
A- EPDM application with airless spray machine		
1- Polin PU 5049	0,20 kg/m ² ~0,30 kg/m ²	One component PU Primer
2- Polin PP 1004 or Polin PP 1004G	1,60 kg/m ² ~1,75 kg/m ²	One component rubber binder
3- Polin SBR	8,00 kg/m ² ~8,80 kg/m ²	1-3.5 mm SBR rubber granule
4- Polin PP 1005 or Polin PU 5008	1,20 kg/m ² ~1,40 kg/m ²	Polyurethane spray coating material
5- EPDM granule 0,5-1,5 mm	0,80 kg/m ² ~0,88 kg/m ²	EPDM colored, elastic rubber granule
6- Polin PU 5052	*0,25 kg/m ² ~*0,30 kg/m ²	UV resistant PU line paint

The amounts in the table are calculated by assuming that the floor to be applied is of ideal quality and in a stable condition. These amounts may vary in different alarms that are broken or damaged.



It can be applied in all EPDM colors.



Since 1989...

SPORTS FLOOR SYSTEMS

POLiNFLEX SW **SANDWICH SYSTEM**



PROFESSIONAL ATHLETICS TRACKS & AREAS

PolinFlex SW is an outdoor Professional synthetic system which is applied in layers. It is an ideal running track coating system for international competitions POLINFLEX SW is approved with IAAF Certificate.

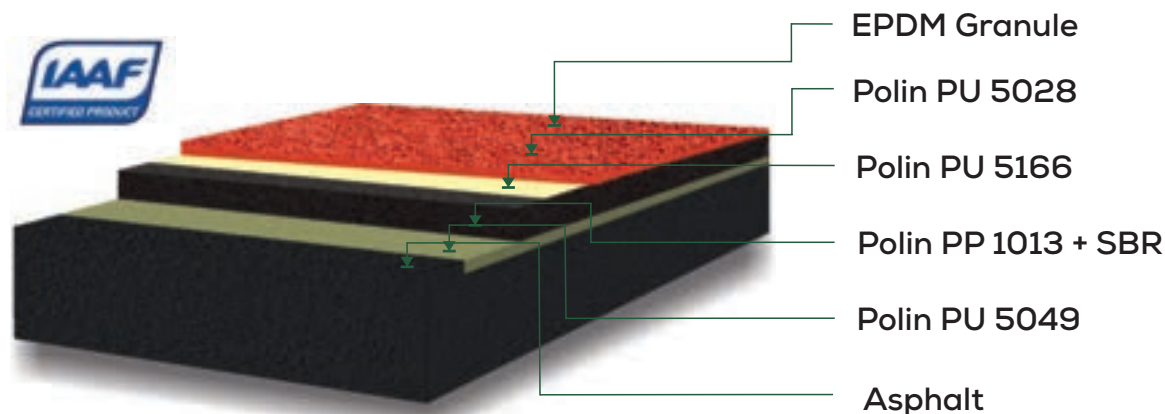


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SPORTS FLOOR SYSTEMS

POLINFLEX SW SANDWICH SYSTEM



B- Application with Finisher

Coating thickness ~ 14 mm

POLINFLEX SW SANDWICH SYSTEM PRODUCTS and USAGE QUANTITIES

Material	Consumption	Material Properties
A- Application With Finisher system application...		
1- Polin PU 5049	0,20 kg/m ² - 0,30 kg/m ²	One component PU primer
2- Polin PP 1013	1,30 kg/m ² - 1,45 kg/m ²	One component rubber binder (IAAF)
3- Polin SBR	6,50 kg/m ² - 7,20 kg/m ²	1-3.5mm dust free rubber granule.
4- Polin PU 5166	1,50 kg/m ² - 2,50 kg/m ²	PU elastic sealant (filler)
5- Polin PU 5028	2,20 kg/m ² - 2,45 kg/m ²	Polyurethane SL Coating
6- EPDM granule 1-3,5 mm	4,00 kg/m ² - 4,40 kg/m ²	EPDM colored, elastic rubber granule

The amounts in the table are calculated by assuming that the floor to be applied is of ideal quality and in a stable condition.

These amounts may vary in different alarms that are broken or damaged.

** In practice, including the amount of EPDM and SBR that will be released after the reaction.*



It can be applied in all EPDM colors.

POLiNFLEX FP FULL POUR SYSTEM



PROFESSIONAL ATHLETICS TRACKS and FIELDS

It is a first-class track and field coating system used in international competitions. EPDM granules offer an extremely comfortable floor due to their independent arrangement on the surface and shock-absorbing structure. The main difference from the floors made with other EPDM binder mixture; the surface is composed of pure EPDM granules with free distribution. Due to the fact that the surface hardness is of high quality at a level that will not harm the athlete, it is the first choice for professional use. It is spread twice with a mixture of SBR and Polyurethane, and EPDM is applied on top of the Polyurethane material on the last layer. PolinFlex FP System is a multi-layer, resistant to sharp objects, waterproof, elastic, polyurethane athletic surface. It is an IAAF-Standard system.

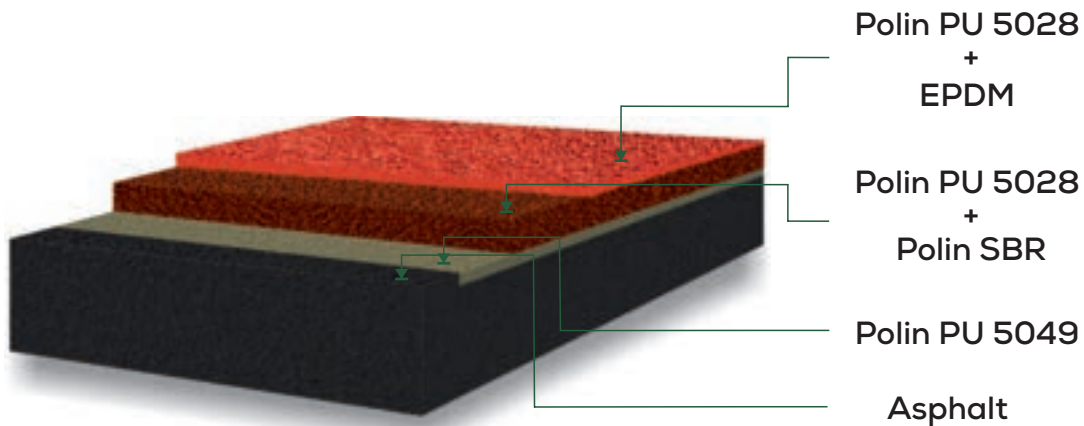


Since 1989...



SPORTS FLOOR SYSTEMS

POLiNFLEX FP **FULL POUR SYSTEM**



Coating thickness ~ 15 mm

POLiNFLEX FP FULL POUR SYSTEM PRODUCTS and USAGE QUANTITIES

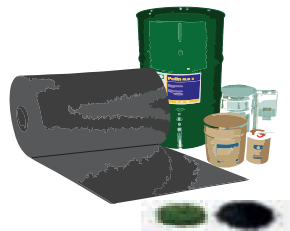
Material	Consumption	Material Properties
A- POLiNFLEX FP FULL POUR system application...		
1- Polin PU 5049	0,20 kg/m ² - 0,30 kg/m ²	One component PU primer
2- Polin PU 5028	8,00 kg/m ² - 9,00 kg/m ²	Polyurethane SL Coating
3- Polin SBR	*7,30 kg/m ² - 8,30 kg/m ²	1-3.5 mm dust- free rubber granules
4- EPDM granule 1-3,5 mm	*4,00 kg/m ² - 5,00 kg/m ²	EPDM colored, elastic rubber granule
5- Line paint 5052	0,20 kg/m - 0,30 kg/m	PU double component line paint.

! The mentioned amounts in the table are calculated by considering that the surface has ideal quality and ideal flatness.

These amounts can be damaged if the areas are rough, damaged or have elevation difference.

**Free EPDM and SBR amount after reaction of application are included.*

** It is recommended to use topcoat to protect gray and blue colored EPDM granules for long term usage.*



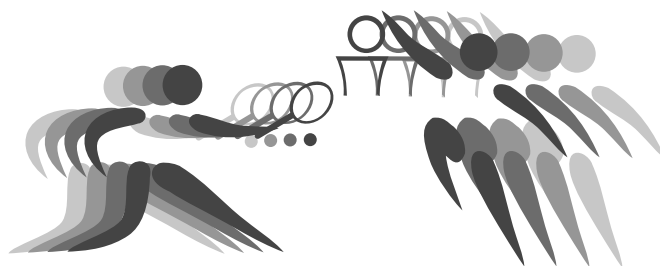
It can be applied in all EPDM colors.

POLiN AC ACRYLIC SYSTEMS



JOGGING TRACKS - MULTIPURPOSE PLAY AREAS CYCLE TRACKS - OUTDOOR SPORTS COURTS etc.
JOGGING TRACKS - CYCLE TRACKS - OUTDOOR SPORTS COURTS - MULTIPURPOSE FLOORS etc.

Acrylic Systems are the systems which are applied for jogging tracks, cycle tracks and multipurpose floors as basketball, volleyball, tennis etc. It is solvent free and does not have side effects. This system is environmental friendly. It has resistance to different

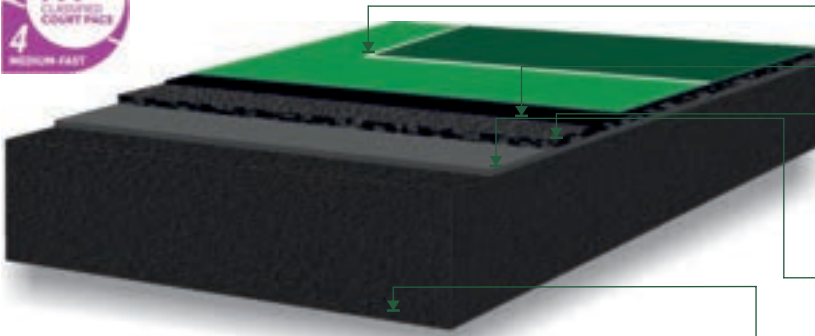


Since 1989...

POLiN Kimya

SPORTS FLOOR SYSTEMS

POLiN AC ACRYLIC SYSTEMS



Polin AC 3052 Line Paint

Polin AC 3051 Top Coat

Polin AC 3012 Cushion

Polin AC 3011 Resurfacer

Concrete and Asphalt

Multi-purpose playgrounds such as running tracks, bicycle tracks, basketball volleyball, tennis courts are sports facilities implemented in the acrylic system. It is an environmentally friendly system that does not have any side effects and does not contain solvents. On the other hand, it is also a system that is resistant to severe weather conditions and sunlight. This system, which is applied both inside and outside as an application area, can be used by both amateurs and professionals. Polin AC 3013 Acrylic Primer, Polin EP 9011 Epoxy Primer or Polin 9008 Moisture Barrier Primer should be applied. According to the request, Polin AC 3071 Acrylic Varnish can be used.



It can be applied in all **RAL** colors.

ELECTRICAL INSULATION RESINS



Polin Kimya Products
Wherever You are...

Since 1989...

POLiN Kimya

ELECTRICAL INSULATION RESINS

POLiN PU 8003 ELECTRIC CASTING RESIN



- Solvent Free
- Two components polyurethane based material
- Mixing Ratio 3/1 (By Weight)

- Gelling time 30-40 min.
- 1 kg - 5 kg and 30 kg. packaging

Application Areas:

Polin PU 8003 is a casting resin material which is used in electric cable industry; cable headings ,casting of joint,,isolation of end connection Submersible pumps, aquarium filters, isolators,transformers, in the production of various electrical components in all kinds of transformers, high voltage devices, telephone wiring and coils, preventing leakage in any type of capacitor, the ballast the regulator, preventing the resonance and vibration sound of devices like transformers

POLiN PU 8007 ELECTRIC CASTING RESIN



Usage:

• It is used for Casting of cable headers and additional couplings in the electrical cable industry, end connections insulation, submersible pump, aquarium filter, insulator, transformer and to protect electrical components in many engines from water. It prevents vibration in pumps and motors. It can be easily processed by turning and leveling in mold and casting works

- Solvent free
- Double component polyurethane based
- 7/1 (by weight) mixing ratio
- 30-40 min. Usage time
- 1 kg - 5 kg and 30 kg. packaging

**ELECTRICAL INSULATION
RESINS**

POLiN PLN 8010 ELECTRIC CASTING RESIN



Usage:

- It is a casting resin used in the electrical cable industry for casting cable headers and additional couplings, for insulating end connections
- Resistant to acid-alkali and most chemical and corrosive substances
- At low temperatures, it also does not show a significant volume change, it cures to the consistency of rubber.
- Drying time can be shortened with catalyst
- Due to its high elasticity, it adapts to the thermal expansion of isolated cables. It prevents the passage of water by preventing cracking, tearing, and rupture. It is Hydrophobic
- It protects metal scopes from corrosion. It can be cut and refilled.
- Solvent free
- Double component polyurethane based
- 9/1 (by weight) mixing ratio
- 20-30 min. Usage time
- 1 kg - 3 kg and 5 kg packaging form

POLiN PU 8021 ELECTRIC CASTING RESIN



Usage:

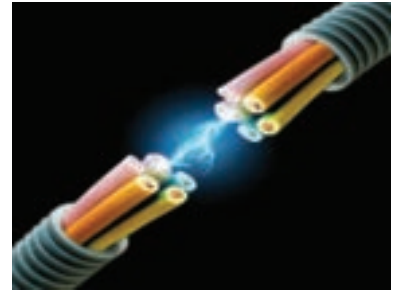
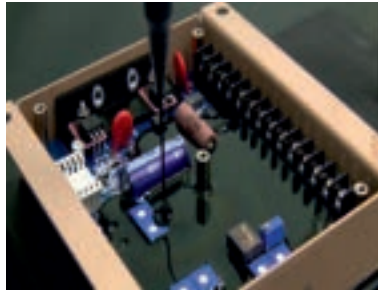
- It is used for casting of cable headers and additional couplings in the electrical cable industry, end connections insulation, submersible pump, aquarium filter, insulator, transformer and to protect electrical components in many engines from water. It prevents vibration in pumps and motors. It can be easily processed by turning and leveling in mold and casting works
- Solvent free
- Double component polyurethane based
- 4/1 (by weight) mixing ratio
- 30-40 min. Usage time
- 1 kg - 5 kg and 30 kg packaging form

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POLiN Kimya

ELECTRICAL INSULATION RESINS

POLiN EP 9023 ELECTRIC CASTING RESIN



- It is a two-component, epoxy-based solvent-free casting mold material that provides electrical insulation.
- It is resistant to water, dampness, abrasion, impact, acid-alkali, seawater, gasoline and most chemical and corrosive materials; at the end of hardening, it forms a solid and high mechanical resistant hard film.
- 3/1 (by weight) mixing ratio
- 60 min usage time
- 6 kg and 24 kg. forms of packaging.

Usage:

- It provides electrical insulation without creating gaps; in addition, it provides shock and vibration resistance, dimensional stability in the molds where it is applied.
- Prevents moisture and dust from entering electronic materials and short circuits.
- It is used for the insulation of electronic circuits, closing the top of electronic circuits, protecting them from mechanical chemical effects, insulator, measuring transformer, capacitor, current and power transformers.

POLiN Kimya

**ELECTRICAL INSULATION
RESINS**

POLiN PU PLN HK ELECTRIC CASTING RESIN



- It is a hydrocarbon-based electrical insulation casting resin with two components that does not contain solvent, isocyanate, any toxic substance.
- 20 min. usage time
- 1 kg - 3 kg and 5 kg. forms of packaging.

Usage:

- In the electrical cable industry; in casting cable headers and additional couplings, underground insulation of end connections is also used.

POLiN PU 8049 BWINDING VARNISH



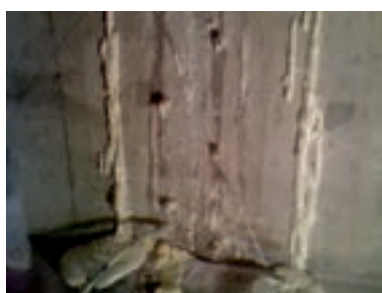
- It is a one-component moisture-curing, polyurethane-based varnish that can be applied to any kind of area.
- It is a one-component polyurethane based material.
- It reacts with moisture, which contains -OH ions in the air, and cures within 2-3 hours.
- 40-45 min usage time
- 7 kg - 22 kg and 200 kg. forms of packaging.

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INJECTION

POLiN PP 7005 INJECTION



- It is a one-component injection resin that reacts with water and does not contain a solvent that can swell on its own. It is not flammable.
- Stops high-pressure water flows with controllable reaction timing.
- The cured component is resistant to all organic solvents, mild acids, alkalis and microorganisms.
- The floor, which expands rapidly when in contact with water and is not affected by environmental abrasions, turns into a rigid closed-cell polyurethane foam.
- 25 kg Polin PU 7005 – Polin Activator 0.25 kg (Metal box)
- It can be stored for 6 months under standard room conditions in its original unopened package. Storage temperature 15–20°C

Usage:

- It is used in underground structures, basements, pools, tunnels, galleries, infrastructure facilities, dams, etc. cutting leaks and streams in places is the right solution for waterproofing.
- For water leaks with negative pressure, light and heavy,
- High pressure or high current water leaks,
- LDPE or HDPE membrane injection works in tunnel construction,
- Pre-injection for waterproofing and consolidation in front of NATM and CPC by drilling and blasting in wet environment,
- When there is high-base water flows, behind the curtain injection of porous structures,
- Stabilization and fixation of the ground in gravel,
- It is used for filling gaps, cracks, grouting, segregation in reinforced concrete.

COMPLEMENTARY PRODUCTS

RUBBER TILE

Rubber tiles has a flexible and durable structure so rubber floor tiles provide a safe, durable, high-performing, good-looking, easy-to-clean surface that's suitable for hard-wearing environments. We recommend using with Polin PU RUB-X 6007/6009.



- Playgrounds and walking paths
- Kindergartens, health care centers
- Farms, animal shelters, milk treatment
- GYM centers, polygons, sport facilities
- Overpass
- Terraces and balconies

Dimension	
40x40x2cm	50x50x2cm
40x40x3cm	50x50x3cm

RUBBER ROLLER

It is used as an absorber in the starting layer of acrylic and polyurethane floor systems in indoor and outdoor sports facilities. It has a very important role in the completion of these systems. In multi-purpose sports fields, SBR Roll layer is laid and optional applications are made on it.

- Indoor & Outdoor Sport Areas
- Acrylic Floor Covering and Polyurethane Floor Covering,
- Under Screed Insulation,
- Wall and Floor Sound Insulation,
- Cinema and Studio in Acoustic Sound Insulation
- Polygons

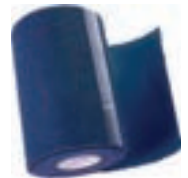


Dimension	
Length: Optional	
Width: 120mm	
Thickness: 4mm - 10mm	

JOINTING TAPE (SEAMING TAPE)

The application of Artificial Grass Jointing Tape on synthetic grass is used for bonding artificial grass to each other. It is used with Polin PU 6017 or STPE 6111 Artificial Grass Adhesives and does not lose its durability for many years.

- Strength feature
- Excellent bonding at joints
- Anti Slip



Dimension	
1 Roller	140 cm x 500 m 5 Pcs 28 cm x 100 m

EPDM GRANULE

We produce colored EPDM granules in our subsidiary company's factory, Pölem Polimer San. Ve Tic. A.Ş. in Antalya. EPDM (Ethylene Propylene Diene Methylene) rubber is synthetic and it is used for various usages including playground surface and sports flooring purposes. It is safe and non-toxic, which makes it a great option for;

Especially in Children's Playgrounds, Floors That Require Flexibility, Walking And Jogging Paths, Floors in Schools , In Gymnastics And Exercise Areas, Football Fields, Golf Courses, Tennis Courts, Pool Sides.



SBR GRANULE

SBR granules are extremely economical and used for a variety of applications. These purely from recycled tires and has a cubically cuts, granulates form.

- Rubber flooring products manufacturing
- Football field floors
- Tartan paths
- Walking trails
- Playgrounds
- Sports areas





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POLiN KİMYA SANAYİ TİCARET A.Ş.

Birlik Organize Sanayi Sitesi, Aydınli Mahallesi,
Batı Caddesi 5. Yol No: 26 Tuzla / İstanbul - TR

Tlf : +90 216 593 33 53 (pbx)

Mobile : +90 533 660 19 18

Fax : +90 216 593 38 49

E-mail : info@polinkimya.com

export@polinkimya.com