

www.polinkimya.com

POLİN Kimya



We have been producing since 1989



Product and System Catalog





ABOUT US...

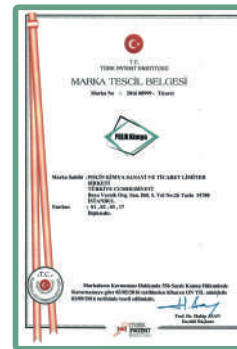
Polin Kimya Sanayi ve Ticaret Ltd. Şti. was founded in 1989 and started to produce polyurethane, epoxy, PVAC, hydrocarbon and STPE Hybrid with her experts and experienced staff. Since 1989, having the consciousness about her position in the market, Polin Kimya has increased the product diversity and production capacity by fulfilling her clients' demands and without sacrificing from her quality. Polin Kimya produces parquet adhesive, rubber granules, synthetic grass adhesive, specific adhesives (is cured in 30-35 sec), industrial surface coating, sport surfaces coating, epoxy-polyurethane surface coating systems, mould and filling materials, electricity isolation resin, water isolation systems, fillers and paints in compliance with ISO 9001:2008, ISO 14001:2004 standards having accreditation of Turkak, TSE, UKAS.

With 28 years of experience, Polin Kimya has gained the admiration of customers spanning over 35 countries across the globe. Analyzing worldwide trends and technologies, generating solutions to demand and converting them into service for its customers are the fundamental working principles of Polin Kimya.



We have been producing since 1989 ...





for quality ...





PRODUCTS...



Primers

POLİN PU 5049	<u>Polyurethane Transparent Primer</u>
Feature	: <i>Polyurethane based, one component concrete primer.</i>
Package	: 7 kg Metal Bucket
	: 200 kg Barrel
POLİN PU 5005	<u>Polyurethane Filler Surface Primer</u>
Feature	: <i>Polyurethane based, two component, without solvent filled concrete primer.</i>
Package	: (A+B) 12 kg Metal Bucket
POLİN EP 9001	<u>Epoxy Concrete Primer with Solvent</u>
Feature	: <i>Epoxy based, two component, transparent, concrete primer with solvent.</i>
Package	: (A+B) 16 kg Metal Bucket
POLİN EP 9011	<u>Epoxy Concrete Primer without solvent</u>
Feature	: <i>Epoxy based, two component, transparent concrete primer without solvent.</i>
Package	: (A+B) 16 kg Metal Bucket
POLİN EP 9050	<u>Epoxy Metal Primer</u>
Feature	: <i>Epoxy based, two component, coloured metal primer with solvent.</i>
Package	: (A+B) 24 kg Metal Bucket
POLİN EP 9008	<u>Epoxy Moisture Barrier</u>
Feature	: <i>Epoxy based, two component primer for moist surfaces.</i>
Package	: (A+B) 16 kg Metal Bucket
POLİN EP 9115	<u>Water Based Epoxy Paint (Wall) Primer</u>
Feature	: <i>Water based epoxy, two component wall primer.</i>
Package	: (A+B) 9 kg Plastic Bucket
POLİN EP 9111	<u>Water Based Epoxy Primer</u>
Feature	: <i>Water based epoxy, two component concrete surface primer.</i>
Package	: (A+B) 9 kg Plastic Bucket

Pastes

POLİN PU 5006 HV	<u>Polyurethane Paste</u>
Feature	: <i>Polyurethane based pore sealer. High viscosity, dense consistency. It can be used for damaged surfaces.</i>
Package	: (A+B) 27 kg Metal Bucket
POLİN PU 5006 LV	<u>Polyurethane Paste</u>
Feature	: <i>Polyurethane based pore sealer. Two component, without solvent, low viscosity, flowing consistency.</i>
Package	: (A+B) 27 kg Metal Bucket
POLİN PU 5006 E	<u>Polyurethane Elastic Paste</u>
Feature	: <i>Polyurethane based pore sealer. Two component, without solvent. low viscosity, flowing and high elasticity.</i>
Package	: (A+B) 27 kg Metal Bucket
POLİN EP 9005	<u>Epoxy Paste</u>
Feature	: <i>Epoxy based, two component viscose paste material without solvent.</i>
Package	: (A+B) 10 kg Metal Bucket



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Products

POLiN Kimya

Adhesives

POLiN SILEX	<u>Hybrid Parquet Adhesive</u>
Feature : STPE based, one component, elastic parquet and deck adhesive.	
Package : 18 kg	Plastic Bucket
POLiN PU 6009	<u>TIXO-POL Polyurethane Parquet Adhesive</u>
Feature : Polyurethane based, two component, without solvent, parquet adhesive.	
Package : (A+B) 10 kg	Plastic Bucket
POLiN PU 6006	<u>FLEXI-POL Polyurethane Parquet Adhesive</u>
Feature : Polyurethane based, two component, without solvent, parquet adhesive.	
Package : (A+B) 7 kg	Plastic Bucket
POLiN PU 6006 P	<u>POWER-POL Polyurethane Parquet Adhesive</u>
Feature : Polyurethane based, two component, without solvent parquet adhesive, suitable for under floor heat systems and staircase applications.	
Package : (A+B) 7 kg	Plastic Bucket
POLiN PU 6006 EL	<u>Polyurethane Parquet Adhesive</u>
Feature : Polyurethane based, two component, without solvent, elastic parquet adhesive.	
Package : (A+B) 10 kg	Plastic Bucket
POLiN PU 6001	<u>One Component Polyurethane Parquet Adhesive</u>
Feature : Polyurethane based, reacts with moisture, thixotropic, suitable for long term use, multi-purpose, without solvent, one component adhesive.	
Package : 20 kg	Plastic Bucket
POLiN PV WP 1	<u>Flowing Consistency Water Dispersion Adhesive for Wood Surfaces</u>
Feature : Water based, filled, PVAc (Polyvinyl asetate) based D3 quality, laminated parquet adhesive.	
Package : 10 kg	Plastic Bucket
POLiN PV WP 3	<u>One Component Laminated-Laminate Parquet Adhesive</u>
Feature : Water based PVAc (Polyvinyl Asetate) based D3 quality laminated and laminate parquet adhesive.	
Package : 500 Gr	Plastic Tube
POLiN PV D	<u>PVAc Based Parquet Adhesive</u>
Feature : One component, with solvent, synthetic resin (PVAc) based parquet adhesives.	
Package : 10 kg	Metal Bucket
POLiN PU 6016	<u>Tactile Paving Adhesive</u>
Feature : Polyurethane based, two component, without solvent, tactile paving (for sight disabled people) and multipurpose adhesives.	
Package : (A+B) 7 kg	Plastic Bucket
POLiN PU 6005	<u>Filter Adhesive for Manual Casting (Slow)</u>
Feature : Polyurethane based, without solvent, two component, for casting by hand and long term use industrial adhesive.	
Package : (A+B) 36 kg	Metal Bucket
POLiN PU 6005	<u>Filter Adhesive for Automatic Casting (Fast)</u>
Feature : Industrial adhesive, polyurethane based, without solvent, two component, for machine casting and short time use industrial adhesive.	
Package : (A+B) 36 kg	Metal Bucket
POLiN PU 6005 F-T	<u>Thixotropic Filter Adhesive</u>
Feature : Industrial adhesive; polyurethane based, without solvent, two component, for machine casting and short time use, with thixotropic feature.	
Package : (A+B) 36 kg	Metal Bucket
POLiN PU 6006 P	<u>Panel Adhesive</u>
Feature : Polyurethane based, two component, without solvent, multi purpose panel adhesive. It is used in frigofrics, trailers and closed truck bodies.	
Package : (A+B) 7 kg	Plastic Bucket
POLiN PU 6021	<u>Polin PU 6021 White Goods Adhesive</u>
Feature : Polyurethane based, two component, without solvent, fast and multi purpose adhesive.	
Package : (A+B) 30 kg	Metal Bucket

Rubber Adhesives

POLİN PU RUB-X

6009 Rubber Adhesive

Feature : Polyurethane based, two component, without solvent, rubber surface adhesives.

Package : (A+B) 10 kg Plastic Bucket

POLİN PU RUB-X

6007 Rubber Adhesive

Feature : Polyurethane based, two component, without solvent, rubber surface adhesive.

Package : (A+B) 24 kg Plastic Bucket / Metal Bucket

Artificial Turf Adhesives

POLİN PU RUB-X

6017 Artificial Turf Adhesive

Feature : Polyurethane based, two component, without solvent artificial turf and rubber surface adhesive.

Package : (A+B) 36 kg
: (A+B) 24 kg
: (A+B) 13 kg
: (A+B) 11,5 kg
Metal Bucket / Plastic Bucket

POLİN PU RUB-X

6015 Artificial Turf Adhesive

Feature : Polyurethane based, two component, without solvent artificial turf and rubber surface adhesive.

Package : (A+B) 25 kg Metal Bucket / Plastic Bucket

Rubber Binders

POLİN PU 1001/1010/1011

Rub-X Binder for Moulding

Feature : Binder that is one component and used for producing rubber tile

Package : 220 kg Barrel

POLİN PU 1002

Rub-X EPDM Binder for Casting

Feature : One component transparent EPDM binder which is used for casting rubber granules in field.

Package : 200 kg Barrel

POLİN PU 1003

Rub-X Binder for SBR Rolls

Feature : One component transparent binder which is used in the production sbr rolls

Package : 200 kg Barrel

POLİN PU 1004 G

Rub-X Binder for Casting

Feature : It is one component and used for casting rubber granules in field and was developed for hot climate.

Package : 200 kg Barrel

POLİN PU 1004

Rub-X Binder for Casting

Feature : It is one component and used for casting rubber granules in field

Package : 220 kg Barrel

POLİN PU 1005

Rub-X Coloured Binder for Spraying System

Feature : It is an one component coloured binder and used for spraying application with EPDM granules.

Package : 200 kg Barrel



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Products

POLİN Kimya

POLİN PU 1082	<u>1082 Rub-X Binder Coloured for Casting</u>
Feature	: It is one component and used for coloring black sbr granules to have colored surfaces and rubber tiles.
Package	: 220 kg Barrel,
POLİN PU 1083	<u>Rub-X Coloured Binder for Moulding and Casting</u>
Feature	: It is one component and used for coloring black sbr granules to have colored surfaces and rubber tiles.
Package	: 220 kg Barrel
POLİN PU 5018	<u>Coloured Rubber Binder</u>
Feature	: It is three components binder. It colours black SBR granules during casting application in field. Colorization is done by pigment in 25 kg bags.
Package	: 250 kg Barrel, Bag

Polyurethane Coatings

POLİN PU 5001	<u>Polyurethane SL Semi Elastic Coating</u>
Feature	: Polyurethane based, semi elastic surface coating. Two component and solvent free. It is used for <u>parking areas, markets, shops, manufacturing plants, water treatment plants, offices and storages.</u>
Package	: (A+B) 27 kg Metal Bucket
POLİN PU 5008	<u>Polyurethane Sport Fields Coating</u>
Feature	: Polyurethane based sport surface material. Two component and solvent-free. It is used for <u>athletic tracks, running tracks and multi purpose sport areas.</u>
Package	: (A+B) 26 kg Metal Bucket : (A+B) 260 kg Barrel
POLİN PU 5016 S	<u>Polyurethane SL Elastic Coating</u>
Feature	: Polyurethane based elastic surface material. Two component and solvent free. It is used on floors of hotels, shops, restaurants, playgrounds and multipurpose sport areas floorings.
Package	: (A+B) 24,5 kg Metal Bucket
POLİN PU 5016 P	<u>Polyurethane SL Elastic Coating</u>
Feature	: Polyurethane based elastic surface material. Two component and solvent free. It is used on floors of hotels, shops, restaurants, playgrounds and multipurpose sport areas floorings.
Package	: (A+B) 24,5 kg Metal Bucket
POLİN PU 5116	<u>Polyurethane Water Isolation Membran</u>
Feature	: Polyurethane based isolation material. Two component and solvent free. It is suitable for roof, balcony, water isolation of terrace and veranda, wet grounds (under tile of bathroom and kitchen), water isolation of surfaces with pedestrian traffic, water isolation of green roof, flowerbed, flower garden, old bitumen felts, asphalt felts, water isolation of EPDM and PVC membran and old acrylic coatings and it is used to protect polyurethane foam isolation.
Package	: (A+B) 24,5 kg Metal Bucket
POLİN PU 5026	<u>Polyurethane Ground Wall Water Isolation</u>
Feature	: Polyurethane based isolation material. Two components and solvent free. It is produced for external-internal wall panels, and for water isolation of under ground, concrete and asphalt.
Package	: (A+B) 24,5 kg Metal Bucket
POLİN PU 5216 1K	<u>Polyurethane Water Isolation Membran</u>
Feature	: Polyurethane based, self levelling, low solvent content, <u>one component isolation material</u> . It is <u>polyurethane roof coating and water isolation material</u> which protects basic or complex roofs for a long term. Curing with air and moisture on surface.
Ambalaj	: 12 kg, 25 kg metal kova : 200 kg varil
POLİN PU 5028	<u>Polyurethane SL Sport Fields Coating</u>
Feature	: Polyurethane based sport surface material. Two component and solvent free. It is used for <u>athletic tracks, running tracks and multi purpose sport areas.</u> It has produced extra elastic.
Package	: (A+B) 462 kg Barrel

Epoxy Coatings

POLİN EP 9002	<u>Epoxy Mortar</u>
Feature : Two component, without solvent, epoxy based filled primer and mortar.	
Package : (A+B) 30 kg	Metal Bucket
POLİN EP 9003	<u>Epoxy SL Surface Coating</u>
Feature : Two component, without solvent, epoxy based self levelling coating material.	
Package : (A+B) 20 kg	Metal Bucket
POLİN EP 9003 3K	<u>Epoxy SL Surface Coating</u>
Feature : Three component, without solvent, epoxy based self levelling coating material.	
Package : (A+B+C) 30 kg	Metal Bucket
POLİN EP 9011	<u>Epoxy Transparent Surface Coating</u>
Feature : Two component, without solvent, transparent coating material.	
Package : (A+B) 16 kg	Metal Bucket
POLİN EP 9010	<u>Epoxy Transparent Surface Coating</u>
Feature : Two component, without solvent, transparent coating material.	
Package : (A+B) 16 kg	Metal Bucket

Top Coat Paints

POLİN PU 5052	<u>Polyurethane UV Resistant Paint</u>
Feature : Polyurethane based, UV resistant, two component paint with low solvent content.	
Package : (A+B) 10 kg	Metal Bucket
POLİN PU 5052 S	<u>Polyurethane UV Resistant Spray Paint</u>
Feature : Polyurethane based, UV resistant, two component spray paint.	
Package : (A+B) 10 kg	Metal Bucket
POLİN PU 5051	<u>Polyurethane UV Resistant Transparent Paint</u>
Feature : Polyurethane based, two component, UV resistant, mat or bright transparent paint with low solvent content.	
Package : (A+B) 10 kg	Metal Bucket
POLİN EP 9114	<u>Epoxy Water Based Paint</u>
Feature : Water based, solvent free and two components	
Package : (A+B) 9 kg	Metal Bucket
POLİN EP 9014	<u>Epoxy Paint</u>
Feature : Epoxy based, two component paint with low solvent content.	
Package : (A+B) 12 kg	Metal Bucket
POLİN EP 9015	<u>Epoxy Textured Patterned Paint</u>
Feature : Epoxy based, orange peel surface looking (textured), parking area paint.	
Package : (A+B) 12 kg	Metal Bucket
	(A+B) 24 kg Metal Bucket



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Products

POLİN Kimya



Electrical & Casting Resins

POLİN EP 9023

Electrical Casting Resin

Feature : Epoxy based, solvent free, two component filler and electrical resin.

Package : (A+B) 24 kg Metal Bucket

POLİN PU 8021

Electrical Casting Resin

Feature : Polyurethane based, solvent free, two component filler and electrical resin.

Package : (A+B) 1 kg Can
: (A+B) 5 kg Can
: (A+B) 30 kg Metal Bucket

POLİN PU 8003

Electrical Casting Resin

Feature : Polyurethane based, solvent free, two components filler and electrical resin.

Package : (A+B) 1 kg Can
: (A+B) 5 kg Can
: (A+B) 30 kg Metal Bucket

POLİN PU 8006

Electrical Casting Resin

Feature : Polyurethane based, solvent free, two components filler and electrical resin.

Package : (A+B) 350 kg Metal Bucket

POLİN PU 8007

Electrical Casting Resin

Feature : Polyurethane based, solvent free, two components filler and electrical resin.

Package : (A+B) 5 kg Can
: (A+B) 30 kg Metal Bucket

POLİN PU 8010

Electrical Casting Resin

Feature : Polyurethane based, solvent free, two components, joint muff and electrical resin.

Package : (A+B) 1-3-5 kg Can

POLİN PU 8049

Coil Winding Varnish

Feature : One component, polyurethane based, coil winding varnish.

Package : 7 kg – 200 kg Can - Metal Bucket

POLİN PLN

Hydrocarbon Electrical Resin

Feature : Hydrocarbon based, solvent free and isocyanate free, two component joint muff and electrical resin.

Package : (A+B) 1-3-5 kg Can



Other Products

POLİN PU WP-4

Polyurethane Wood Glue (Marine Glue)

Feature : Polyurethane based, one component, solvent free, reacts with water and moisture, multi purpose adhesive.

Package : 500 gr Plastic Bucket

POLİN PU 7116 2K

Boat Paste

Feature : Polyurethane based, two components, solvent free, filled boat paste.

Package : (A+B) 5 kg Plastic Bucket
: (A+B) 7 kg

POLİN PU 7005

Injection Material

Feature : Injection material which reacts with water, self-swelling, solvent free.

Package : 25 kg Metal Bucket Polin activator 0,25 kg Metal Bucket

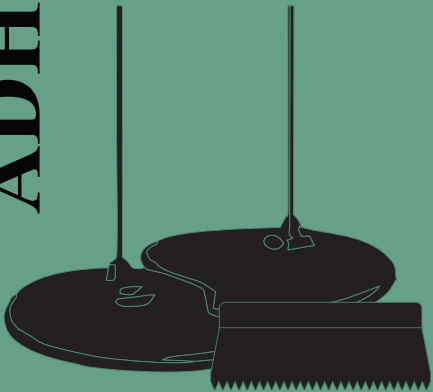
POLİN PU 100

Polin PU 100 Sealant

Feature : One component polyurethane based sealant.

Package : 700 ml Red foil cartridge (sausage)

ADHESIVES



ADHESIVES



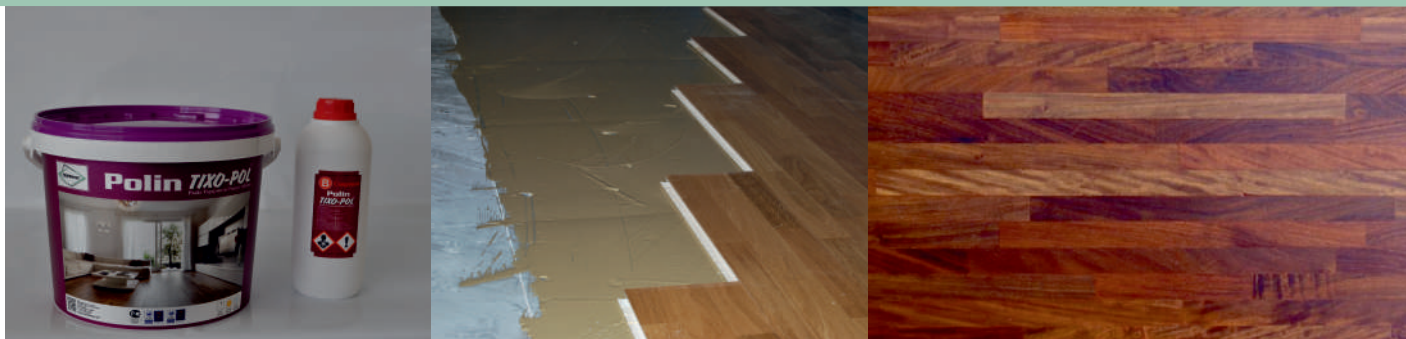
**FOR ALL TYPES
OF PARQUETS**



**WE UNDERSTAND
THE DEMANDS...**



POLİN TIXO-POL 6009 PARQUET ADHESIVE



- Solvent free
- Two Component and polyurethane based
- Can be used in all types of parquet
- Consumption is app 1,7- 2 kg/m² (depends on the surface)
- Mixing Ratio is 9/1 (By Weight)
- Gelling time is 30-60 min
- 10 kg (A+B) set



POLİN FLEXI-POL 6006 PARQUET ADHESIVE



- Solvent free
- Two Component and polyurethane based
- Can be used in all types of parquet
- Consumption is app 1,25- 1,5 kg/m² (depends on the surface)
- Mixing Ratio is 6/1 (By Weight)
- Gelling time is 30-40 min
- 7 kg (A+B) set



ADHESIVES



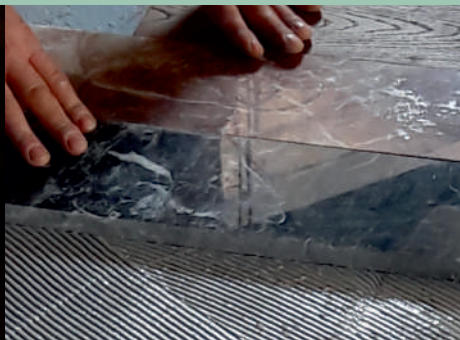
POLİN PU 6006 EL PARQUET ADHESIVE



- Solvent free and elastic
- Two Component and polyurethane based
- Can be used in all types of parquet
- Easy surface cleaning up to 48 hours
- Consumption is app 1- 1,55 kg/m² (depends on the surface)
- Mixing Ratio is 6/1 (By Weight)
- Gelling time is 60-120 min
- 10 kg (A+B) set



POLİN STPE SILEX HYBRID ADHESIVE



- Polin STPE Silex has hybrid content
- Does not content isocyanate, silicon and solvent.
- one component and flexible
- Can be used in all types of parquet
- Easy surface cleaning up to 48 hours
- Consumption is app 0,8- 1,00 kg/m² (depends on the surface)
- Gelling time is 60-120 min
- 18 kg (4x4,5 kg aluminum bags)



POLİN POWER-POL 6006 PARQUET ADHESIVE



- Solvent free
- Two component and polyurethane based
- Can be used in all types of parquet
- Consumption is app 1,25 - 1,5 kg/m² (depends on the surface)
- Mixing Ratio is 6/1 (By weight)
- Gelling time is 30-40 min
- 7 Kg (A+B) set



POLİN PU 6001 PARQUET ADHESIVE



- Reacts with moisture and is self-inflating
- One component and without solvent
- Has water resistant
- Can be used in all types of parquet
- Consumption is app 1,00 kg/m² (depends on the surface)
- Gelling time is 60-120 min
- 20Kg (4 X 5 kg alüminyum bags)
- Storage time 6 months



ADHESIVES

POLİN Kimya

POLİN RUB-X 6007

RUBBER ADHESIVE



- Solvent free
- Two Component and polyurethane based
- It is used to glue rubber tiles and rolls to the floor
- Mixing Ratio is 7/1 (By Weight)
- Cream color
- Storage time 12 months
- Package 24 kg Plastic or Metal.



POLİN RUB-X 6009



- Rub-X adhesive solventy free, polyurethane based rubber adhesive.
- Resistant to humidity, water and most of chemicals.
- Thixotropic so does not flow off.
- High Adhesion
- High durability
- Does not contain solvent, therefore non-flammable
- Resistant to heat and external weather conditions
- High abrasion resistance and tear strength
- 9/1 mixture ratio.(By weight)
- (A+B) supplied in sets of 10 and 24 kg



POLİN RUB-X 6017 ARTIFICIAL TURF ADHESIVE



- Solvent free
- Two Component and polyurethane based
- It is used in artificial turf joints.
- Mixing Ratio is 7/1 (By Weight)
- Green color
- Storage time 12 months
- Package 11,5 kg, 13 kg, 24 kg, 36 kg Plastic or Metal



POLİN RUB-X 6015 ARTIFICIAL TURF ADHESIVE



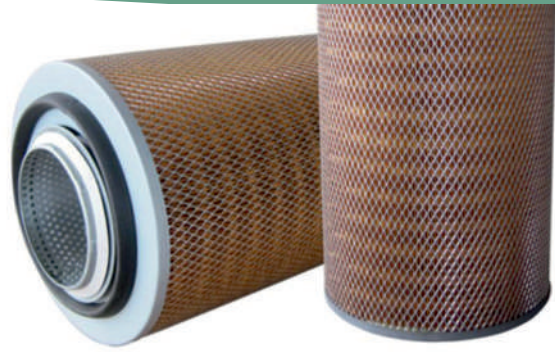
- Solvent free
- Two Component and polyurethane based
- It is used in artificial turf joints.
- Mixing Ratio is 5.25/1 (By Weight)
- Green color
- Storage time 12 months
- Package 25 kg Plastic or Metal.



ADHESIVES

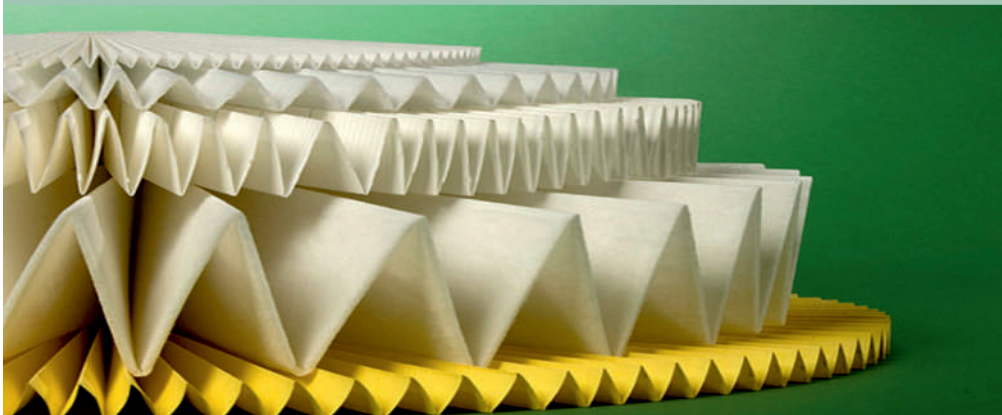


FILTER ADHESIVE



**We supply adhesives for
filters**

6005 / 6005 F / 6005 F-T



POLİN PU 6005 F



FILTER ADHESIVE (*BY MACHINE*)

- Solvent-free, two component, polyurethane based fast curing filter adhesive
- Resistant to water, moisture, abrasion, impact, acid-alkali, sea water and most chemicals and corrosive materials
- High adherence to the surface that is applied
- A multi-purpose industrial adhesive, potting, filling and also casting system in filter industry.
- It is used for bonding filter paper to metal or plastic separators in filters.
- Mixing Ratio 5/1 (By weight)
- Gelling time 5 - 10 min
- Package 36 kg in metal bucket, 200 kg (A comp.), 250 kg (B comp) in barrels
- Storage time 12 months



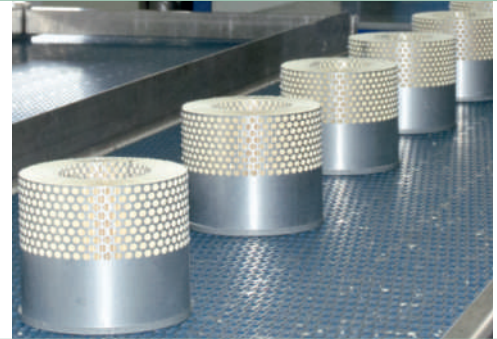
POLİN PU 6005



FILTER ADHESIVE (*MANUAL*)

- Solvent-free, two component, polyurethane based filter adhesive
Resistant to water, moisture, abrasion, impact, acid-alkali, sea water and most chemicals and corrosive materials
- High adherence to the surface that is applied, liquid-tight, antibacterial
- A multi-purpose industrial adhesive, potting, filling and also casting system in filter industry.
- It is used for bonding filter paper to metal or plastic separators in filters.
- Mixing Ratio 5/1 (By weight)
- Gelling time 30 - 40 min
- Package 36 kg in metal bucket
- Storage time 12 months

POLİN PU 6005 F-T



TIXOTROPIC FILTER ADHESIVE

- It is a solvent-free and two component polyurethane based fast curing thixotropic filter adhesive.
- It has resistant to water, moisture, abrasion, impact, acid-alkali, sea water most chemicals and corrosive materials.
- High adherence to the surface that is applied.
- No shrinkage in volume after curing
- Liquid-tight
- Antibacterial
- Viscosity suitable for casting machine
- After blending two component, it is thixotropic and viscous.
- Polin PU 6005F-T is a multi-purpose industrial adhesive that can be used as filling.
- It is used for bonding filter paper to metal or plastic separators in filters.
- Mixing Ratio: 5 : 1 (By weight)
- Gelling Time: 5-10 min
- Packaging : 36 KG Pail (A+B component)
200 KG Barrel – (A component)
250 KG Barrel – (B component)
- Storage time 12 months



POLİN PU 6016 TACTILE PAVING ADHESIVE



TACTILE PAVING ADHESIVE

Polin PU 6016 is two components polyurethane based, solvent free and multipurpose adhesive. It resists 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.

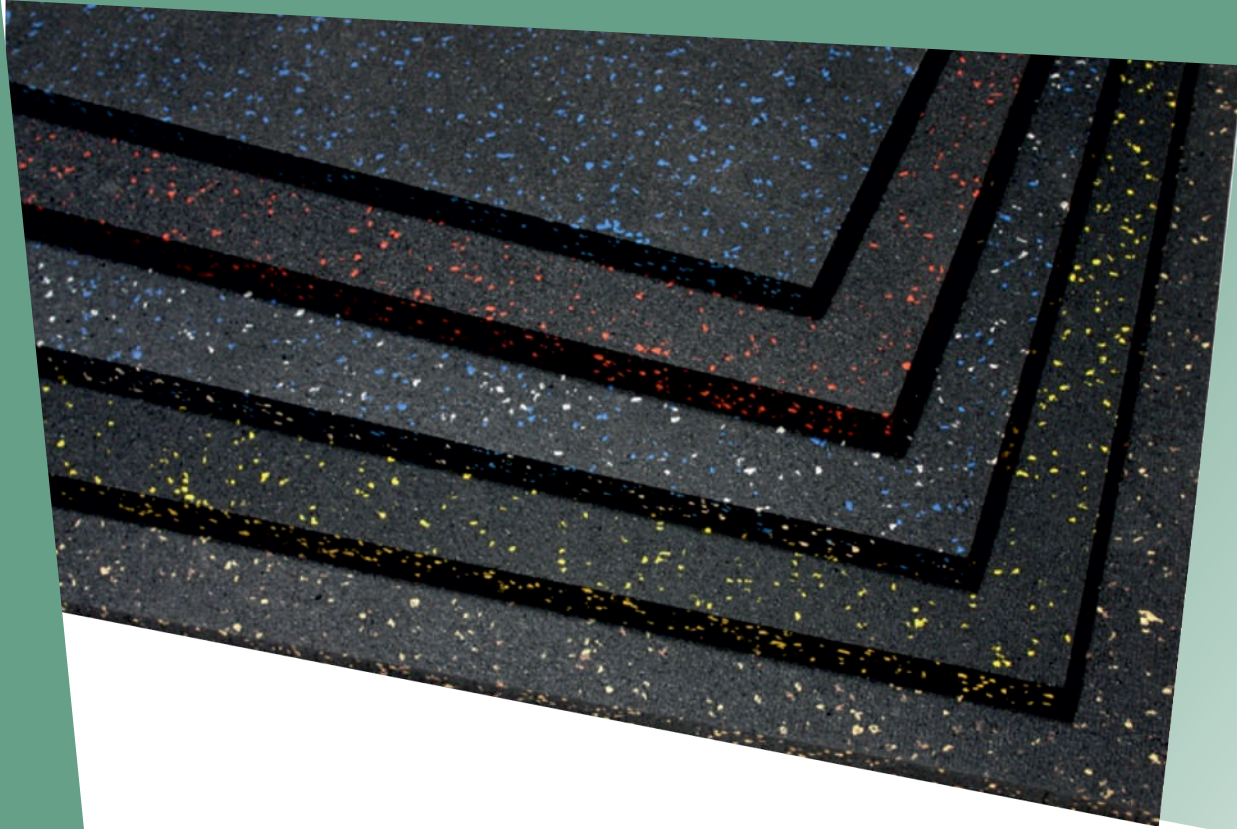
Except Polyethylene and similar product, it could be applied easily to concrete, stone, wood, metal, aluminum. The adhesive is used for bonding these surfaces.

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.





BINDERS

POLİN PP 1000 BINDER SERIES



1000 / 1001 / 1002 / 1003/ 1004 / 1004 G /1005 /1010 / 1011 / 1182 / 1083



BINDERS

POLİN Kimya

POLİN PP RUB X BINDER 1001 / 1010 / 1011



BINDER FOR RUBBER TILES

BINDER 1001

- One component
- Aromatic, Brown
- Storage time 9 months
- Package 220 kg Barrel

BINDER 1010

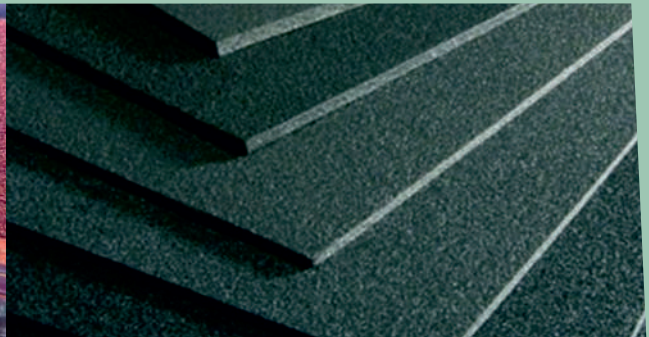
- One component
- Aromatic, Brown,
- High elasticity
- Storage time 9 months
- Package 220 kg barrel

BINDER 1011

- One component
- Aromatic, Brown
- Elasticity
- Storage time 9 months
- Package 220 kg barrel



POLİN PP RUB X BINDER 1082 /1083



COLORED BINDER FOR RUBBER TILES & ON SITE APPLICATION

BINDER 1183

- One Component
- Aromatic,
- Storage time 9 months
- Package 220 kg barrel

BINDER 1082

- One Component
- Aromatic,
- High elasticity
- Storage time 9 months
- Package 220 kg barrel



POLİN PU RUB X BINDER 1004 / 1004 G



BINDER FOR ON SITE APPLICATION

BINDER 1004

- One Component
- Aromatic, Brown
- Storage time 9 months
- Package 220 kg barrel



BINDER 1004 G

- One Component
- Aromatic, Brown
- Storage time 9 months
- Package 200 kg barrel



POLİN PU RUB X BINDER 1005



COLORED BINDER FOR SPRAYING SYSTEM

BINDER 1005

- One Component
- Aromatic, Red-Green
- Storage time 9 months
- Package 200 kg barrel



POLİN PP RUB X BINDER 1002



CLEAR BINDER FOR EPDM ON SITE APPLICATION

BINDER 1002

- One Component
- Aromatic, Clear
- For EPDM
- Storage time 9 months
- Package 200 kg barrel



POLİN PP RUB X BINDER 1000



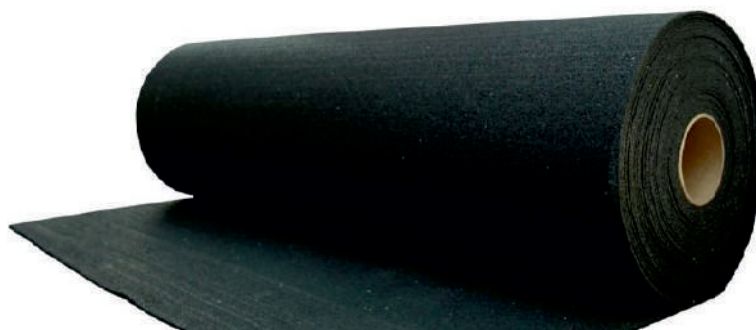
ALIPHATIC BINDER FOR EPDM

BINDER 1000

- One Component
- Aliphatic, Clear
- For EPDM
- Storage time 9 months
- Package 200 kg barrel



POLİN PU RUB X BINDER 1003



BINDER FOR SBR ROLLS

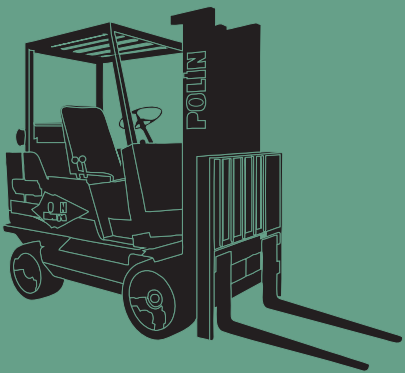
BINDER 1003

- One Component
- Aromatic, Clear
- Storage time 9 months
- Package 200 kg barrel





EPOXY & POLYURETHANE FLOORS





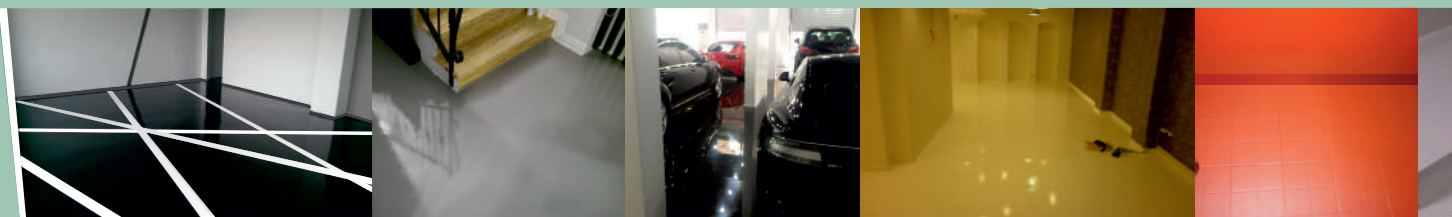
POLIN POL SF SEMI FLEXIBLE



**ENTRESOL - HOTEL - OFFICE - SHOWROOM - RESTAURANT
LABORATORY - CAFETERIA etc.**

POLIN POL SF SEMI FLEXIBLE

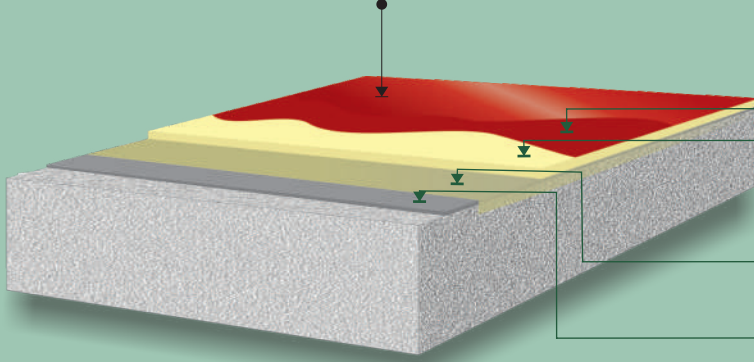
It is an ideal system to provide hygienic, semi elastic and hard surface, and also it minimizes the sound of walking. Besides the other synthetic surfaces, the system can be applied to entresols. The main coating has a self levelling property and the product names are Polin PU 5016 S or Polin PU 5001. If it is requested, UV resistant Polin PU 5052 top coat can be used in all RAL codes. This is also a system before Polin Art is applied. It is a monoblock coating.



SYSTEMS

POLİN Kimya

POLİN POL SF SEMI FLEXIBLE



Polin PU 5052

Polin PU 5001

Polin PU 5049

SL Screed

Coating Thickness ~ 3 mm

POLİN POL SF SYSTEM PRODUCTS and Consumptions

Op.	Product	! Consumption	Product Property
	SL Screed	*0,00 kg/m ²	Self levelling screed.
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 polyurethane
3-	Polin PU 5052	**0,20 kg/m ² - 0,30 kg/m ²	PU two component, polyurethane UV resistant top coat

! 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



Tüm RAL renklerinde uygulanabilir.



POLİN EPEX SF



POLİN POL-ART DECORATIVE



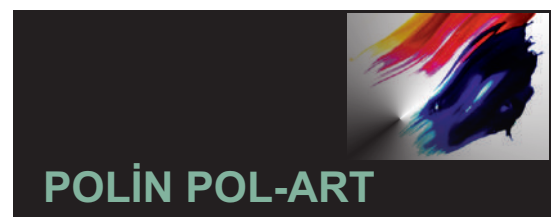
**SHOWROOM - CAFE - RESTAURANT - OFFICE
EXHIBITION - FILM STUDIO etc.**

POLİN POL-ART DECORATIVE

It is a system applied for architectural or design projects. The sub layer products of this system are Polin PU/EP series.

To make a pattern, primary Polin PU 5052 UV/ Polin PU 5051 top coats, secondary Picture, colored particules, colored sand, glass pieces etc. can be applied. This application is done by different kind of methods and auxiliary materials.

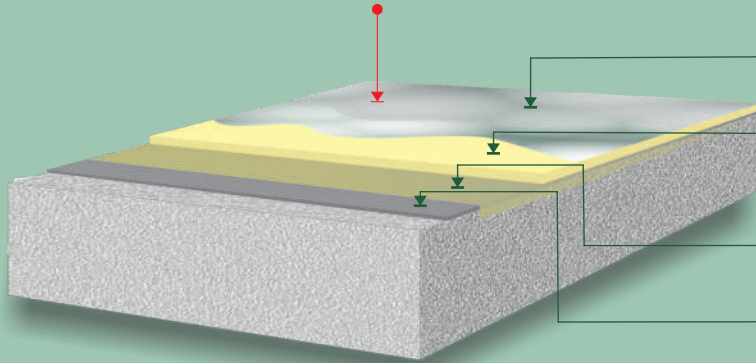
They are unique floors so it is impossible to copy the same floor. It is requested to have an original floor.



SYSTEMS

POLİN Kimya

POLİN POL-ART DECORATIVE



Polin PU 5052

Polin PU 5001 OR
Polin PU 5016

Polin PU 5049

SL Screed

Coating Thicknessı ~ 3 mm

POLİN POL-ART SYSTEM PRODUCTS and Consumption

Product	Consumption	Product Property
Op. SL Screed	*0,00 kg/m ²	Self levelling screed
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 polyurethane.
3- Polin PU 5052 / 5051	**0,20 kg/m ² - 0,30 kg/m ²	PU two component, polyurethane UV resistant top coat

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

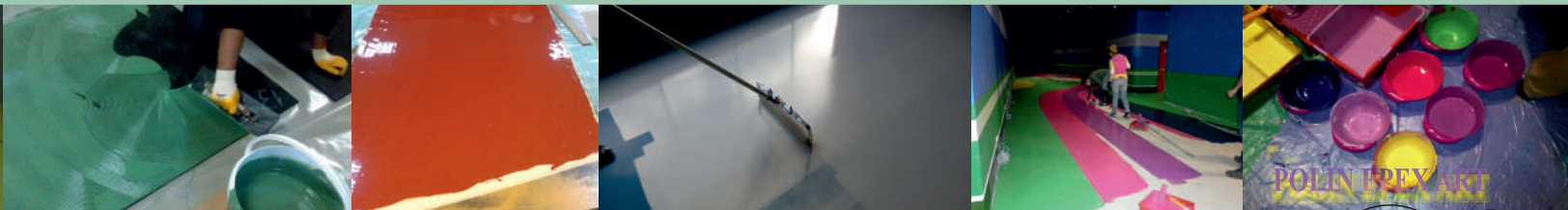
Consumptions may vary depending on defective, damaged and level differences of floors.

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

*** Polin PU 5052 or Polin PU 5051 top coat is applied if UV resistant is requested*



In all RAL colours.



POLIN POL-AQUA WATER ISOLATION

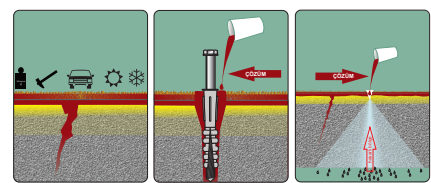


**TERRACE - BASE WALLS - WET FLOORS - POOLS
- WATER CANALS etc.**

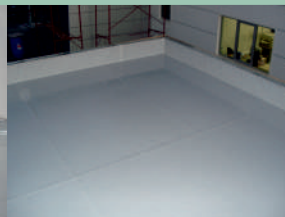
POLIN POL-AQUA WATER ISOLATION

It is a water isolation system and Polin PU 5116 / Polin PU 5216 are used as a main product. Two component, elastic, polyurethane based water isolation applications are popular as they can be renewed easily, and has long lasting, monoblock and decorative view. Polin PU 5052 can be applied in all RAL codes to have different colors on top for a decorative final layer. It fills all the gaps that can cause water leaks during the curing time and after the reaction is finished, it provides waterproofing. In the case of drilling on the floor, the product offers an easy repairment.

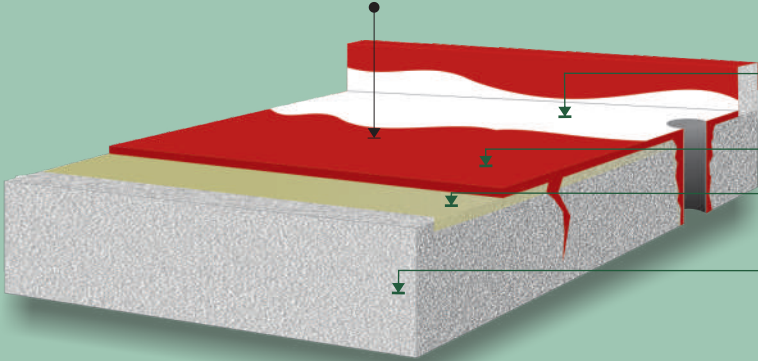
It is an isolation system that continues its stability for many years.



POLIN POL-AQUA WATER ISOLATION



POLİN POL-AQUA WATER ISOLATION



Polin PU 5052

Polin PU 5116

Polin PU 5049

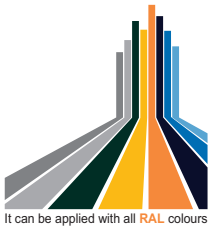
Concrete or Wood

Coating Thickness ~ 1,5 - 2 mm

POLİN POL AQUA WATER ISOLATION SYSTEM PRODUCTS and Consumptions

Products		! Consumptions	Product Properties
1-	Polin PU 5049	0,15 kg/m ² - 0,25 kg/m ²	PU One component primer
2-	Polin PU 5116 or Polin PU 5216	1,50 kg/m ² - 2,50 kg/m ²	PU ,elastic liquid membrane.
Op	Polin PU 5052*	0,20 kg/m ² - 0,30 kg/m ²	PU two component, polyurethane UV resistant top coat

! 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.



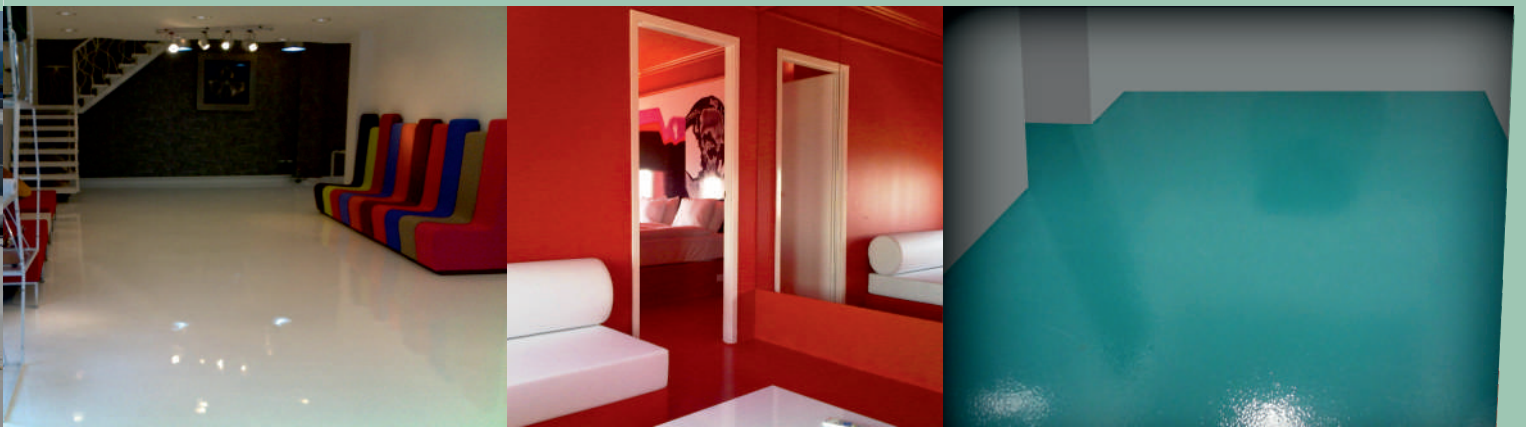
It can be applied with all RAL colours.



POLİN EPEX AQUA







POLİN EPEX TD TEXTURE DESIGN



**PARKING LOT - KITCHEN - FOOD PRODUCTION AREA
LIGHT WAREHOUSE- LIGHT PRODUCTION AREA etc.**

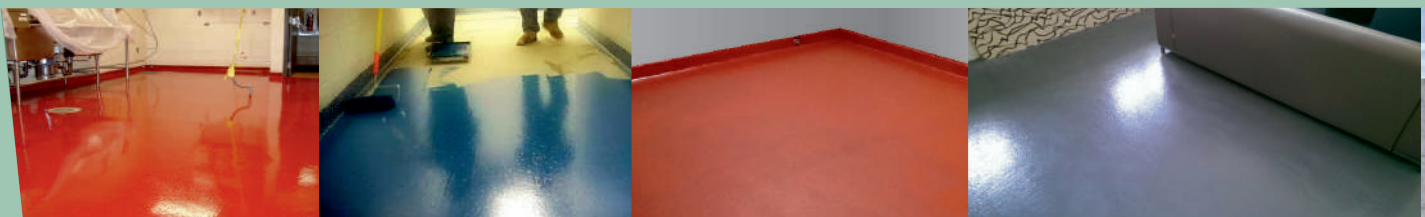
POLİN EPEX TD TEXTURE DESIGN

This system is suitable as a coating on floors that are exposed to light loads. based on epoxy and maintaining surface stability. The main product Polin EP 9015 is a final coat which has a texture shape and high density. As it is decorative, economical and can be renewed very easily, It has become a preferred system. With the texture pattern it has an anti slip property.

Having this property it eliminates car skidding which is frequently encountered in parking lots.

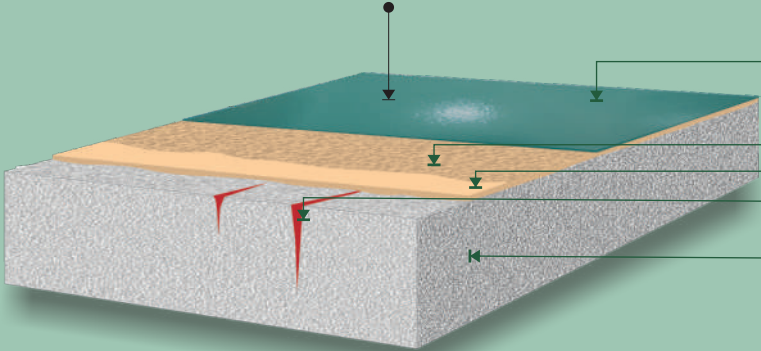
The surface color can be changed whenever needed with Polin EP 9014 epoxy paint in a short time.

Logo, signs and lines can be applied to the floor.





POLIN EPEX TD TEXTURE DESIGN



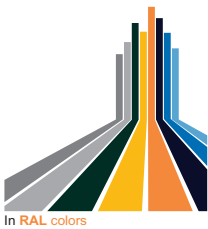
- Polin EP 9015
- Silica
- Polin EP 9011
- Polin EP 9005
- Concrete

Thickness ~ 2,5 mm

POLİN EPEX TD SYSTEM PRODUCTS and Consumptions

Product		! Consumption	Product Property
1-	Polin EP 9005	*0,00 kg/m ² - 0,00 kg/m ²	EP paste
2-	Polin EP 9011	0.30 kg/m ² - 0,40 kg/m ²	EP primer without solvent
3-	Silica Sand	2,00 kg/m ² - 3,00 kg/m ²	Silica Sand
4-	Polin EP 9015	0,80 kg/m ² - 0,90 kg/m ²	EP 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.*



POLIN EPEX TD



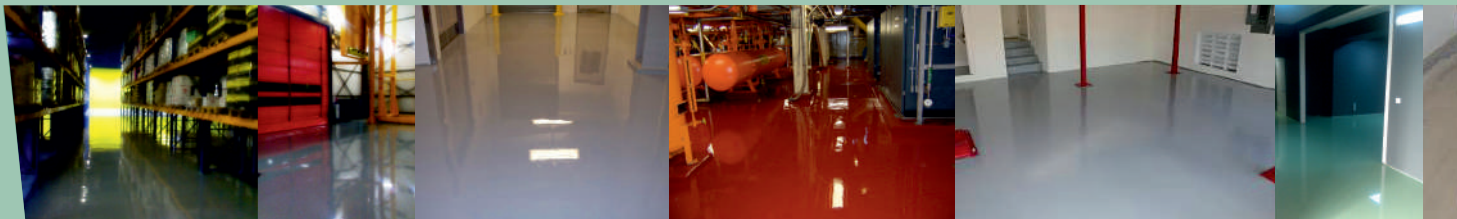
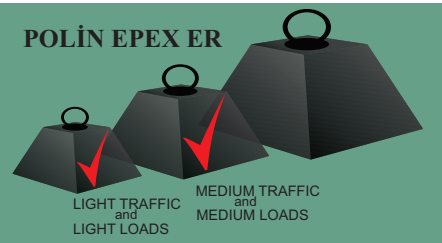
POLİN EPEX ER



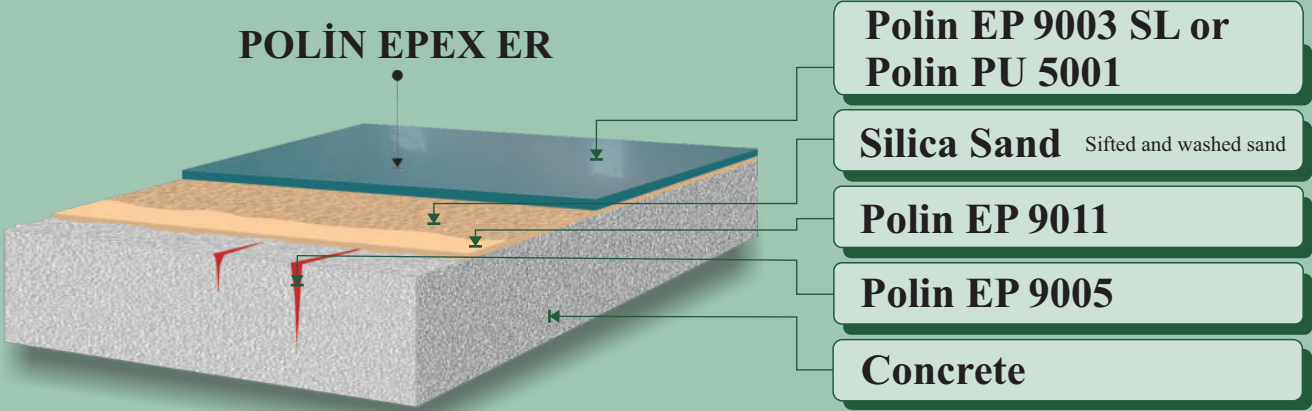
**FACTORY FLOORS - KITCHEN - SHOWROOMS - FOOD PRODUCTION AREAS
WAREHOUSE - COLD STORAGE ROOMS**

POLİN EPEX ER

This is a system for medium traffic and loads which is based on epoxy or polyurethane and maintaining surface stability. The main product is Polin EP 9003 or Polin PU 5001 self levelling. It is a system which is based on durable, long lasting and decorative and for these reason it is a preferred system.



SYSTEMS



Coating Thickness ~ 2,5 - 3,0mm

POLİN EPEX ER SYSTEM PRODUCTS and Consumptions

Product		! Consumption	Product Property
1-	Polin EP 9005	*0,00 kg/m ² - 0,00 kg/m ²	EP paste
2-	Polin EP 9011	0,30 kg/m ² - 0,40 kg/m ²	EP primer without solvent
3-	Silica Sand	1,80 kg/m ² - 2,00 kg/m ²	Silica Sand
4-	Polin EP 9003	2,50 kg/m ² - 3,50 kg/m ²	EP self leveling

Product		! Consumption	Product Property
1-	Polin EP 9005	*0,00 kg/m ² - 0,00 kg/m ²	EP paste
2-	Polin EP 9011	0,30 kg/m ² - 0,40 kg/m ²	EP primer without solvent
3-	QUARZ	1,40 kg/m ² - 1,60 kg/m ²	Silica Sand
4-	Polin PU 5001	2,50 kg/m ² - 3,50 kg/m ²	PU self leveling

*! 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..*



POLİN EPEX ER



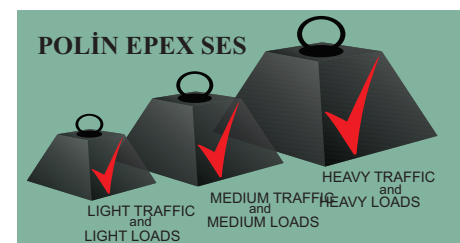
POLİN EPEX SES



LOADING AREAS - HEAVY PRODUCTION AREAS Areas which has defective floors etc.

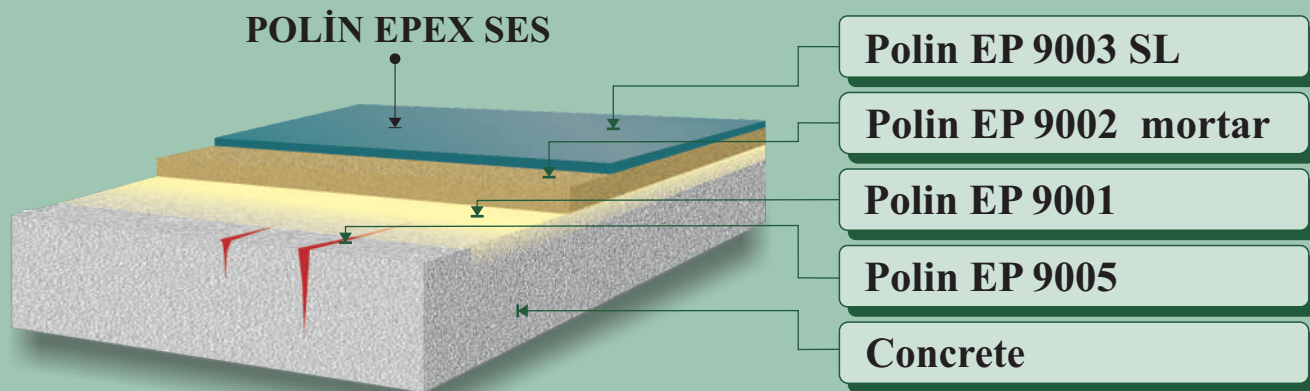
POLİN EPEX SES

Epoxy mortar Polin EP 9002 is a base layer which is durable to very heavy loads and made by mixing epoxy and silica sand. Its application is similar to screed application. After the surface is cured, the floor is durable to heavy loads and heavy weather conditions. Self levelling epoxy is applied as a final coat in generally but upon request UV resistant paints can be also applied. It is a long lasting and durable system. It is a solution for heavy loading areas that concrete can be applied.



SYSTEMS

POLiN Kimya



*Coating Thickness ~ 13,0 mm

POLiN EPEX SES SYSTEMS and Consumptions

	Product	! Consumption	Product Property
1-	Polin EP 9005	*0,00 kg/m ² - 0,00 kg/m ²	EP paste
2-	Polin EP 9001	0,20 kg/m ² - 0,40 kg/m ²	EP primer without solvent
3-	Polin EP 9002 MORTAR	**23,00 kg/m ² - 33,00 kg/m ²	EP mortar
4-	Polin EP 9003 SL	2,50 kg/m ² - 3,50 kg/m ²	EP Self Levelling colored liquid epoxy

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

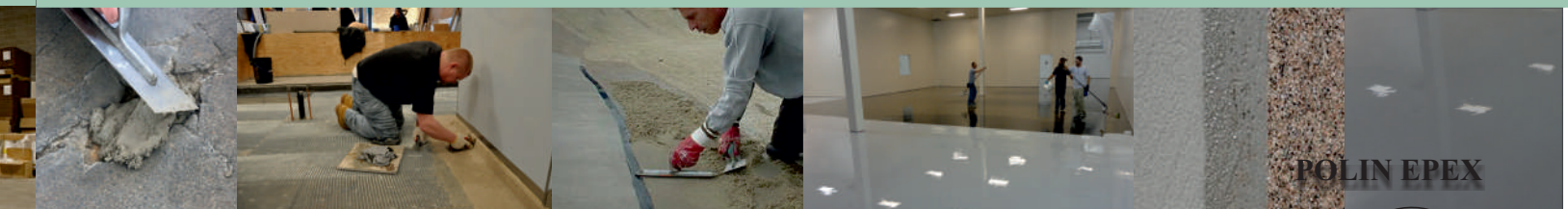
Consumptions may vary depending on defective, damaged and level differences of floors.

** 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.*



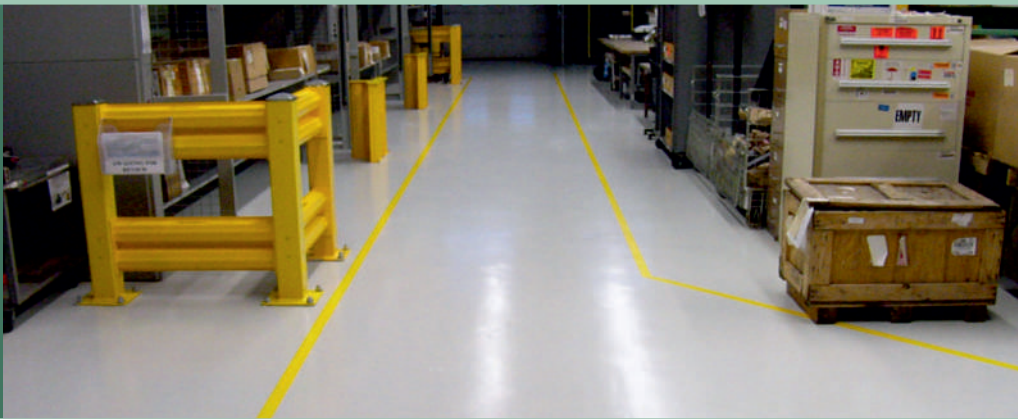
In RALcolors



POLiN EPEX







SPORT floors...





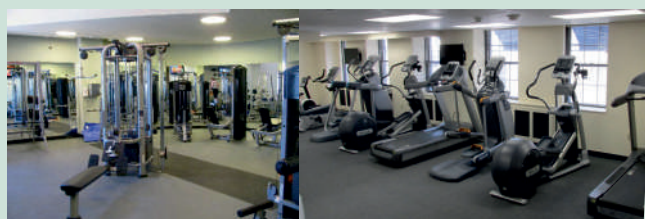
POLINFLEX ECO

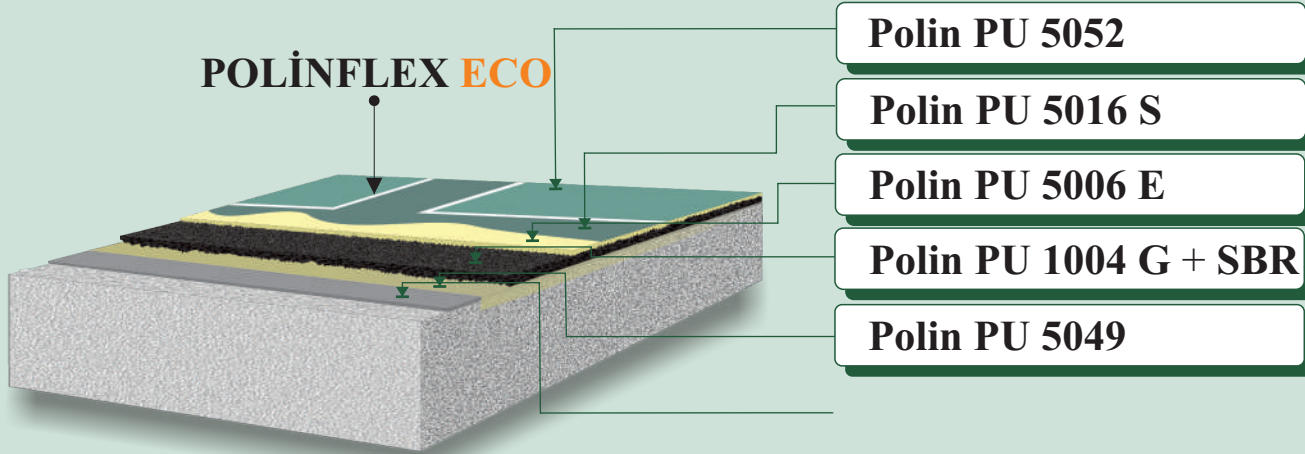


Fitness Hall - Indoor Tennis Court - Kindergarden Surfaces

POLINFLEX ECO

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 floor can be cleaned easily by standard cleaning methods. It gives advantage for cleaning as it has no joints. Upon request the color can be changed by applying topcoat paint Polin PU 5052 and also new surfaces can be created by using current colours, adding shapes and logos, etc.





Coating Thickness ~ 6 mm

B- Application with mixture of SBR + POLIN PU 1004G

POLINFLEX ECO system products and amount of use

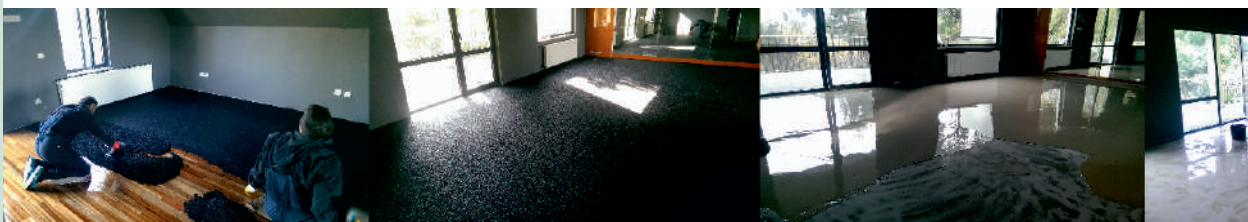
A-	Application by SBR roll		
	Material	! Amount of use	Material features
1-	Polin PU 5049	0,15 kg/m ² - 0,25 kg/m ²	One component MDI based primer.
2-	Polin Rub-X	1,00 kg/m ²	PU two component rubber adhesive.
3-	Polin SBR Roll	1,00 m ² /m ²	h: 4.00 mm SBR roll
4-	Polin PU 5006 E	0,80 kg/m ² - 1,00 kg/m ²	PU elastic pore sealer
5-	Polin PU 5016 S	2,00 kg/m ² - 2,50 kg/m ²	PU self levelling
6-	Polin PU 5052	0,15 kg/m ² - 0,30 kg/m ²	UV resistant PU topcoat
B-	Manuel Application		
1-	Polin PU 5049	0,15 kg/m ² - 0,25 kg/m ²	One component MDI based primer
2-	Polin SBR	2,60 kg/m ² - 2,86 kg/m ²	1-3,5 mm dust free rubber granule
3-	Polin PU 1004 G	0,52 kg/m ² - 0,57 kg/m ²	One component rubber binder
4-	Polin PU 5006 E	*1,25 kg/m ² - 2,50 kg/m ²	PU elastic pore sealer
5-	Polin PU 5016 S	2,00 kg/m ² - 2,50 kg/m ²	PU self levelling
6-	Polin PU 5052	0,15 kg/m ² - 0,30 kg/m ²	UV resistant PU topcoat

! 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 with all RAL colours.



POLINFLEX eco



POLINFLEX PRO

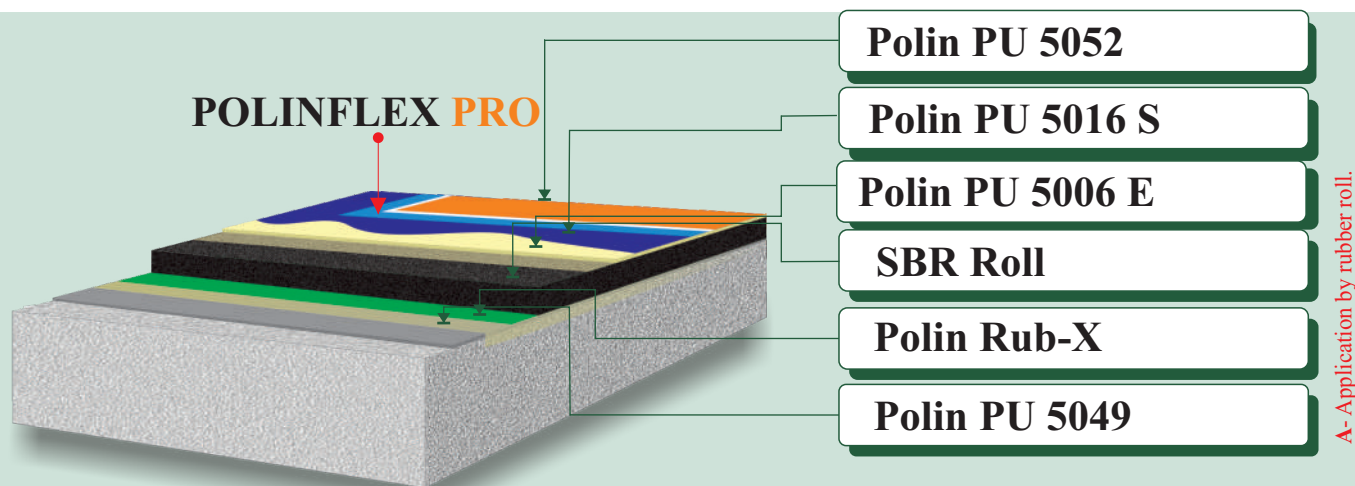


Basketball - Volleyball - Handball & Indoor Sport Facilities...

POLINFLEX PRO

It is the coating system which is developed for multi purpose sport areas for professional usage. It has ideal surface specifications for sport areas. It provides maximum comfort to player with its shock absorbant quality. Polyurethane surface is longevous and useful. It needs less maintenance than parquet coatings. The floor can be cleaned easily by standard cleaning methods. It gives advantage for cleaning as it has no joints. Upon request the color can be changed by applying topcoat paint Polin PU 5052 and also new surfaces can be created by using current colours, adding shapes and logos etc.





Coating Thickness ~ 10 mm

POLINFLEX PRO system products and amount of use...

A- Application by SBR Roll...			
	Material	! Amount of use	Material features
1-	Polin PU 5049	0,15 kg/m ² - 0,25 kg/m ²	One component MDI based primer.
2-	Polin Rub-X	1,00 kg/m ²	PU two component rubber adhesive.
3-	Polin SBR Roll	1,00 m ² /m ²	h: 8.00 mm SBR roll
4-	Polin PU 5006 E	0,80 kg/m ² - 1,00 kg/m ²	PU elastic pore sealer
5-	Polin PU 5016 S	2,00 kg/m ² - 2,50 kg/m ²	PU self levelling liquid membran
6-	Polin PU 5052	0,15 kg/m ² - 0,30 kg/m ²	UV resistant PU topcoat
B- Application by Paving Machine...			
1-	Polin PU 5049	0,15 kg/m ² - 0,25 kg/m ²	One component MDI based primer.
2-	Polin SBR Roll	5.20 kg/m ² - 5.72 kg/m ²	1-4 mm rubber granule without dust
3-	Polin PU 1004 G	1,04 kg/m ² - 1,14 kg/m ²	One component rubber binder
4-	Polin PU 5006 E	*1,25 kg/m ² - 2,50 kg/m ²	PU elastic pore sealer
5-	Polin PU 5016 S	2,00 kg/m ² - 2,50 kg/m ²	PU self levelling liquid membran
6-	Polin PU 5052	0,15 kg/m ² - 0,30 kg/m ²	0,15 kg/m ² - 0,30 kg/m ²

! 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 with all RAL colours.



POLINFLEX pro



POLINFLEX JT JOGGING TRACK *system*

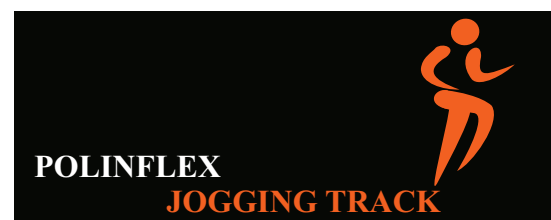


Jogging Tracks - Amateur Sport Areas and Playgrounds

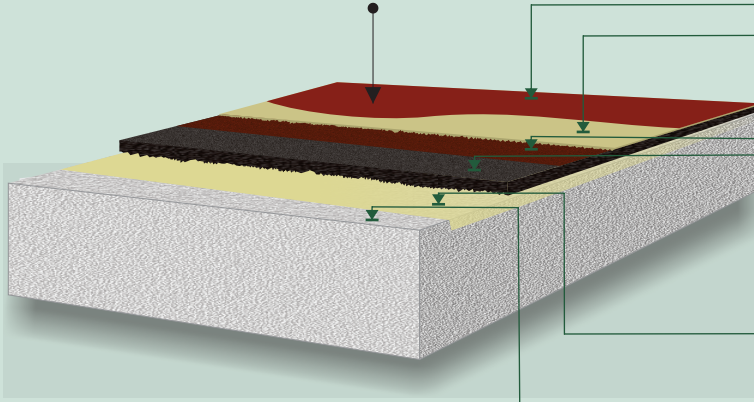
POLINFLEX JT JOGGING TRACK *system*

It is a coating system used for walking ways and jogging tracks which is single piece and flexible.. The thickness of coating may change between 15 and 20 mm. It has high level elasticity and shock absorbent structure. It is available to apply in RAL colours. Upon request topcoat paint can be renewed with Polin PU 5052 or colour change is possible.

POLINFLEX JOGGING TRACK system is preferred, because of its easily renewable feature.



POLINFLEX JT JOGGING TRACK system



Coating Thickness ~ 18 mm

Polin PU 5052

Polin PU 5006 E

Polin PU 1004 or 1004G
+
EPDM (mix)

Polin PU 1004 or 1004G
+
Polin SBR (mix)

Polin PU 5049

Asphalt or Concrete

A- Application by paving machine.

POLINFLEX JT JOGGING TRACK system products and amount of use...

A-	Application by Paving Machine...		
	Material	! Amount of use	Material features
1-	Polin PU 5049	0,20 kg/m ²	One component MDI based primer
2-	Polin SBR	8,45 kg/m ²	1-3,5 mm dust free rubber granule.
3-	Polin PU 1004 or Polin PU 1004 G	1,69 kg/m ²	One component rubber binder
4-	EPDM (0,5 – 1,5mm)	5,00 kg/m ²	Ethylene Propylene Diene Monomer colored, elastic rubber granule.
5-	Polin PU 1004 or Polin PU 1004 G	1,00 kg/m ²	One component rubber binder
6-	Polin PU 5006 E	1,30 kg/m ²	PU elastic pore sealer
7-	Polin PU 5052	0,25 kg/m ²	UV resistant PU topcoat

! 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.



Tüm RAL renklerinde uygulanabilir.



POLINFLEX JOGGING TRACK



POLINFLEX C **COMBINED** system



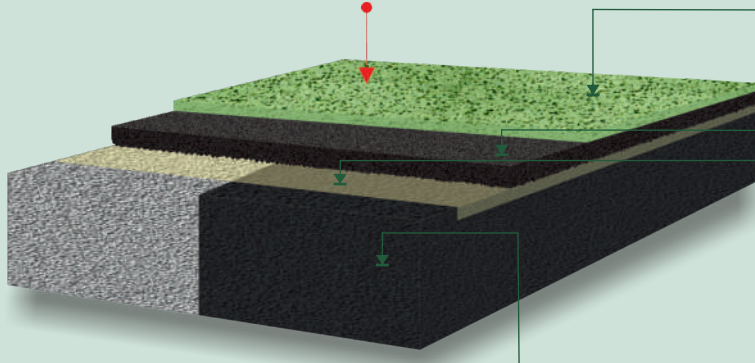
Amateur Athletic Tracks - Jogging Tracks - Tennis Court - Playgrounds

POLINFLEX C **COMBINED** system

It is a coating system used 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.



POLINFLEX C COMBINED system



Coating Thickness ~ 15 mm

Polin PU 1004 G or 1002
+ EPDM (mix)

Polin PU 1004 or 1004 G
+ Polin SBR (mix)

Polin PU 5049

Concrete or 6+4 Asphalt

A- Application by paving machine.

POLINFLEX C COMBINED system products and amount of use...

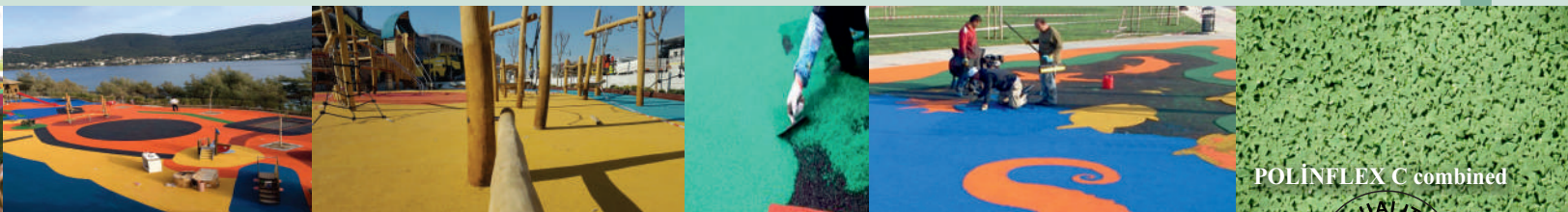
A-	Application by Paving Machine...		
	Material	! Amount of use	Material features
1-	Polin PU 5049	0,20 kg/m ²	One component primer
2-	Polin SBR	5,20 kg/m ²	Dust free 1-3,5 mm rubber granule.
3-	Polin PU 1004 or Polin PU 1004 G	1,04 kg/m ²	One component rubber binder.
4-	EPDM granule 1-3,5	7,00 kg/m ²	Ethylene Propylene Diene Monomer colored, elastic rubber granule.
5-	Polin PU 1004 or Polin PU 1004 G	1,40 kg/m ²	One component EPDM rubber binder.

! 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.

* It is recommended to use POLİN PU 1002 binder to protect gray and blue coloured EPDM granules for long term usage.



Tüm EPDM renklerinde uygulanabilir.



POLINFLEX C combined



POLINFLEX SC **SPRAY COATING** *system*



Amateur Athletic Tracks & Areas - Jogging Tracks - Walk Ways

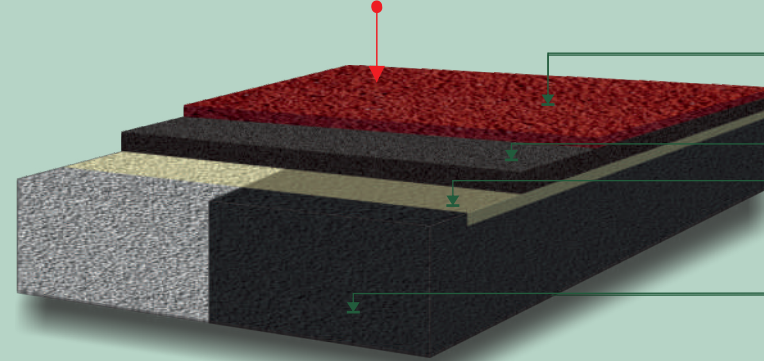
POLINFLEX SC **SPRAY COATING** *system*

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 1004 or Polin PU 1004 G. The mixture of 0,5-1,5 mm EPDM granules and Polin PU 1005 colored binder or Polin PU 5008 are applied by spraying machine as a final layer.

This system has textured surface. POLINFLEX SC is suited to IAAF standards.



POLINFLEX SC SPRAY COATING system



Coating Thickness ~ 13 mm

- Polin PU 1005 or 5008 + EPDM (mix)
- Polin PU 1004 or 1004 G + Polin SBR (mix)
- Polin PU 5049
- Concrete or 6+4 Asphalt

A- Application by paving machine and spraying machine.

POLINFLEX SC system products and amount of use...

A-	Spray Coating Application...		
	Material	! Amount of use	Material features
1-	Polin PU 5049	0,20 kg/m ²	One component PU based primer
2-	Polin PU 1004 or Polin PU 1004 G	1,60 kg/m ²	One component rubber binder.
3-	Polin SBR	8,00 kg/m ²	1-3,5mm SBR rubber granule
4-	Polin PU 1005 or Polin PU 5008	1,20 kg/m ²	One component colored rubber binder
5-	EPDM granule 0,5-1,5 mm	0,80 kg/m ²	Ethylene Propylene Diene Monomer colored, elastic rubber granule.
6-	Polin PU 5052	*0,25 kg/m ²	UV resistant PU topcoat.

! 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.

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



POLINFLEX SC spray coating



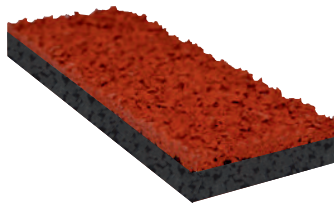
POLINFLEX SW SANDWICH system

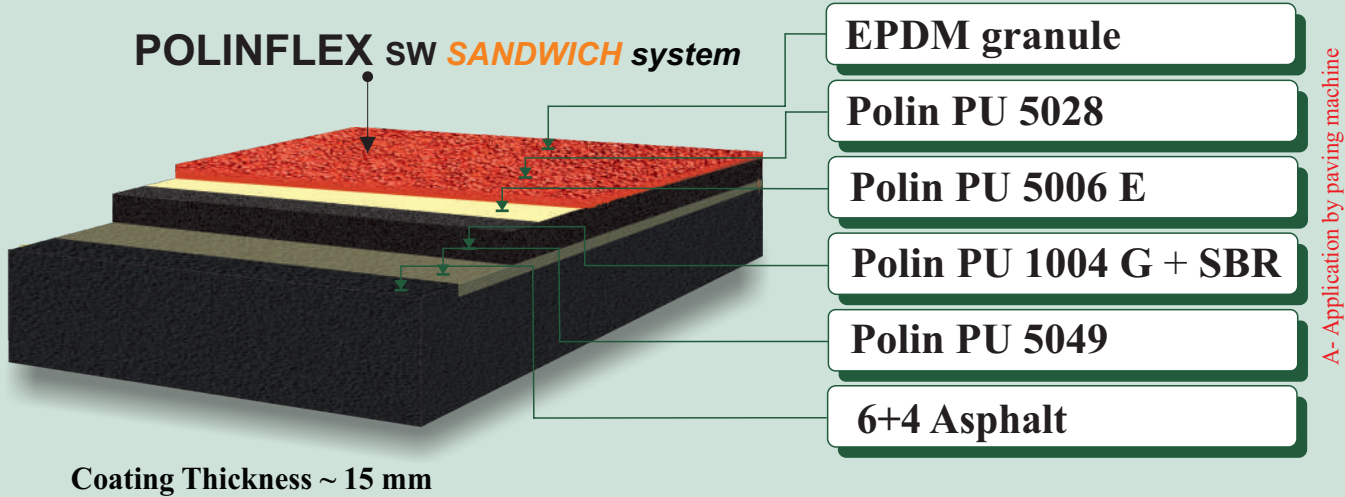


Professional Athletic Tracks & Areas

POLINFLEX SW SANDWICH system

PolinFlex SW is an outdoor synthetic system which is applied in layers. Special granulometric recyclable rubber SBR and elastic polyurethane mixture is spreaded as intended thickness by paving machine. Respectively, pore sealer and two component Polin PU 5028 Elastomer are applied and EPDM granules are spreaded on top. It is an ideal running track coating system for international competitions. POLINFLEX SW is approved with IAAF standard test.





POLINFLEX SW SANDWICH System products and amount of use...

A-	POLINFLEX SW SANDWICH System Application...		
	Material	! Amount of use	Material features
1-	Polin PU 5049	0,20 kg/m ²	One component primer
2-	Polin PU 1004 G	1,30 kg/m ²	One component rubber binder.
3-	Polin SBR	6,50 kg/m ²	Dust free 1-3,5 mm rubber granule.
4-	Polin PU 5006 E	1,50 kg/m ²	PU elastic pore sealer
5-	Polin PU 5028	2,20 kg/m ²	PU Sport Surfaces Coating (outdoor).
6-	EPDM granule 1-3,5 mm	4,00 kg/m ²	Ethylene Propylene Diene Monomer colored, elastic rubber granule

! 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.

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

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



POLINFLEX FP **FULL POUR** system



FULL POUR



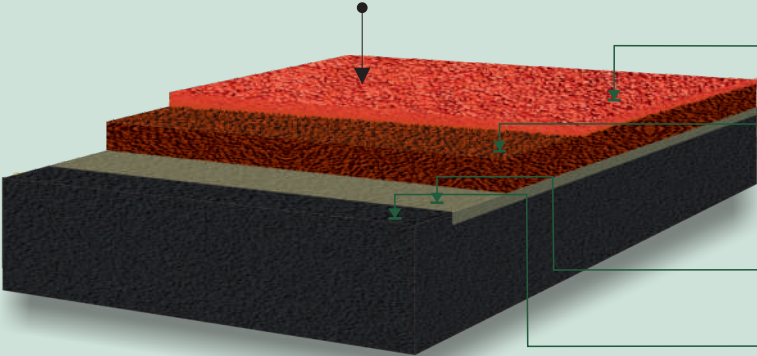
Professional Athletic Tracks & Areas

POLINFLEX FP **FULLPOUR** system

It is a coating system for top class athletic tracks which is used for international competitions. It provides maximum comfort by freely spreaded EPDM granules and by it is shock absorber. The main difference from the other surfaces done with EPDM binder mixture; is that it consists of freely spreaded EPDM granules. It is the first preferred system because of the surface hardness can not give harm to players with its high quality. SBR and polyurethane mixture is applied in two layers and then EPDM granules are used on polyurethane coating on top layer. PolinFlex FP System is a polyurethane athletic system which is multilayer and has flexibility, resistance to water and sharp materials. POLINFLEX FP is suited to IAAF standards.



POLINFLEX FP FULL POUR system



Polin PU 5028
+
EPDM

Polin PU 5028
+
Polin SBR

Polin PU 5049

6+4 ASPHALT

Coating Thickness ~ 15 mm

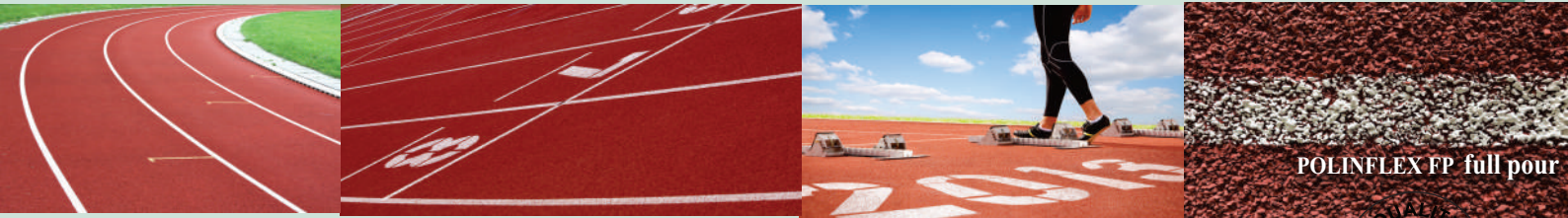
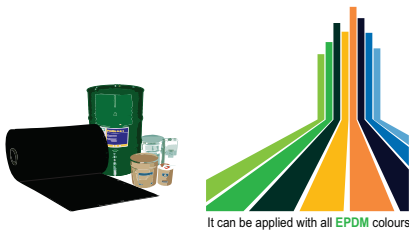
POLINFLEX FP FULL POUR system products and amount of use...

A-	POLINFLEX FP FULL POUR SYSTEM application...		
	Material	Amount of use	Material features
1-	Polin PU 5049	0,20 kg/m ²	One component primer.
2-	Polin PU 5028	8,00 kg/m ²	Polyurethane coating material
3-	Polin SBR	*7,30 kg/m ²	Dust-free 1-3,5 mm rubber granule.
4-	EPDM granule 1- 3,5mm	*4,00 kg/m ²	Ethylene Propylene Diene Monomer colored, elastic rubber granule.
5-	Line paint 5052	0,20-0,30 kg/mt	PU two 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 changed 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 coloured EPDM granules for long term usage.



POLINFLEX FP full pour



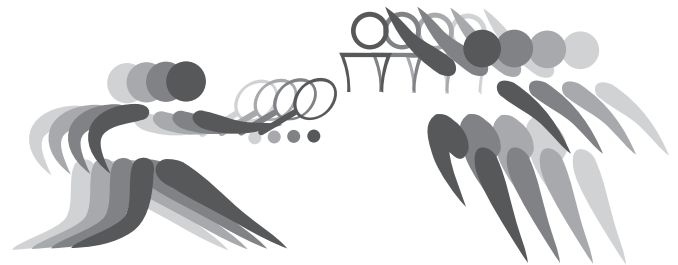
POLİN AC ACRYLIC SYSTEMS



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

ACRYLIC SYSTEMS

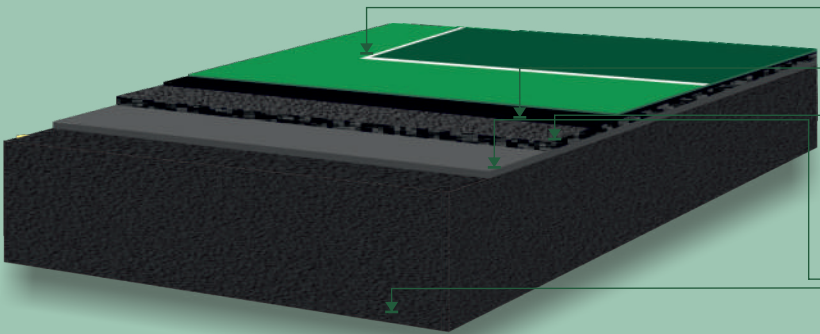
Acrylic Systems are the sport systems which are applied for jogging tracks, cycle tracks and multipurpose sport areas such as basketball, volleyball, tennis etc. As the ingredients does not have side effects and solvent free, this system is environmental friendly. On the other hand it is resistant to weather conditions and sunlight. This is a system that can be applied indoor and outdoor and it is ideal for both amateur and professional usage.



SYSTEMS



POLiN AC **ACRYLIC** system



- ACRYLIC COATING
- UPPER CUSHION LAYER
- LOWER CUSHION LAYER
- RESURFACER
- CONCRETE or ASPHALT

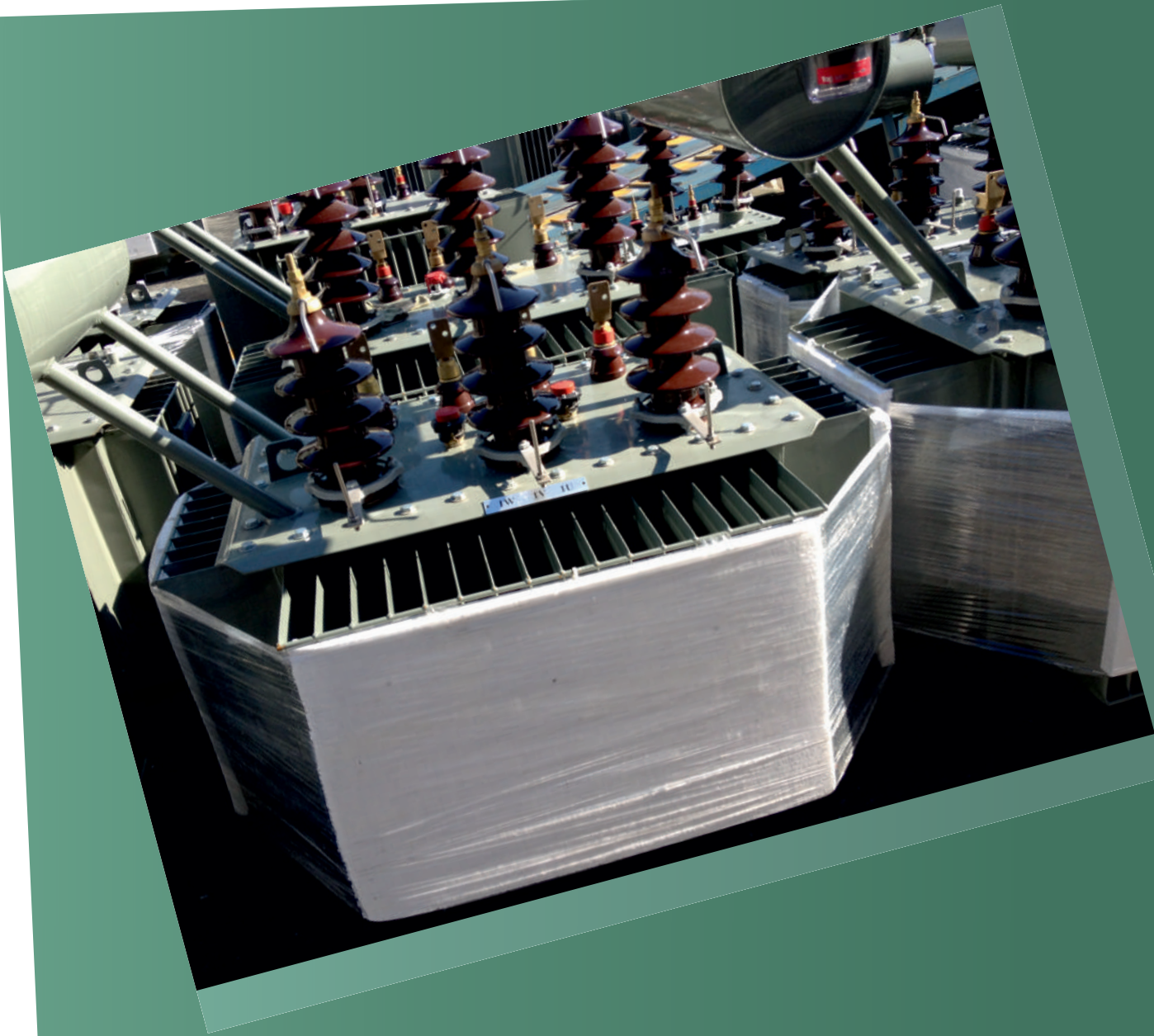


In RAL colors.

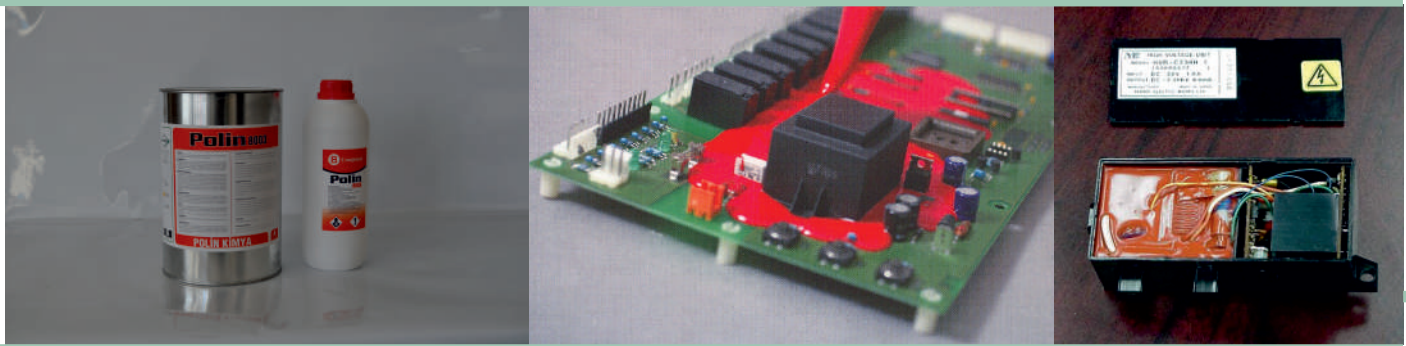


ELECTRICAL INSULATING resin





POLİN PU 8003



ELECTRICAL INSULATING AND CASTING RESIN

- Solvent Free
- Two components polyurethane based material
- Mixing Ratio 3/1 (By Weight)
- Gelling time 30-40 min
- Package; 1,5 and 30kg in metal bucket

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

POLİN PU 8007



ELECTRICAL INSULATING AND CASTING RESIN

- Solvent Free
- Two components polyurethane based material
- Mixing Ratio 7/1 (By Weight)
- Gelling time 30-40 min
- Package; 5 and 30kg in metal bucket.

Application Areas:

• Polin PU 8007 is a casting resin material which is used for electric cable industry; cable headings ,casting of joint,,isolation of end connection, plunger pumps and ,protection of motor electric equipments from water,This material prevents vibration at pump.



POLİN 8010



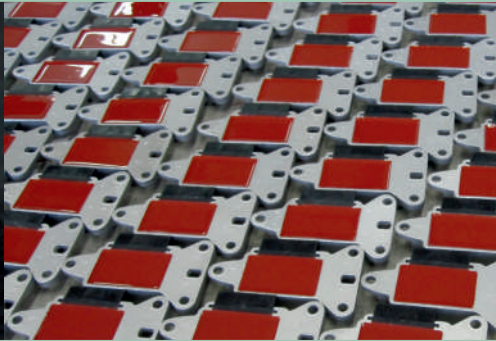
ELECTRICAL INSULATING AND CASTING RESIN

- Solvent Free
- Two component polyurethane based material
- 9Mixing Ratio 9/1 (By Weight)
- Gelling time 20-30 min
- Package 1,3 and 5 kg in metal buckets

Application Areas:

Polin PU 8010 is used as a casting material to insulate electrical connections in underground cables and prevent water ingress from outside the joint. It can be used in all cable joint systems.

POLİN PU 8021



ELECTRICAL INSULATING AND CASTING RESIN

- Solvent Free
- Two components polyurethane based material
- Mixing Ratio 4/1 (By Weight)
- Gelling time 30-40 min
- Package; 1,5 and 30kg in metal bucket.

Application Areas:

Polin PU 8021 is a casting resin material which is used for electric cable industry; cable headings ,casting of joint,,isolation of end connection, plunger pumps and ,protection of motor electric equipments from water,This material prevents vibration at pump.



POLiN EP 9023



ELECTRICAL INSULATING AND CASTING RESIN

- Two-component, solvent-free epoxy-based die casting mold material that provides electrical insulation.
- It is resistant to water, moisture, abrasion, impact, acid-alkali, salt water, gasoline, most chemicals and corrosive materials. After it gets hard, it forms a hard-solid film which has a high mechanical resistance.
- Mixing Ratio : 3 : 1 (By Weight)
- Gelling Time: 60 minutes
- Packaging : 6 KG Pail (A+B)
24 KG Pail (A+B)

Application Areas:

- Generating electrical isolation without any space; provides dimensional stability and also when it applied to molds, it provides shock and vibration resistance.
- It prevents the ingress of dust, moisture and short circuits in electronic materials.
- It is used for Isolation of electronic circuits, the sealing of electronic circuits, Protection of mechanical-chemical effects, Insulators, Instrument transformers, Capacitors, Current and power transformers



POLİN HK PLN



ELECTRICAL INSULATING AND CASTING RESIN

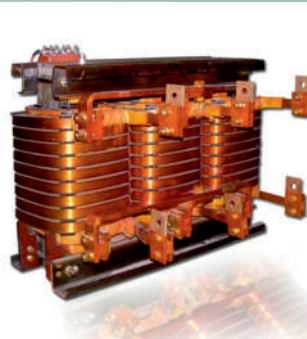
- Polin HKPLN is hydrocarbon based, solvent-free, two components, environmentally friendly, electrical isolation and casting resin. It doesn't contain isocyanate or silicone.
- 5/1 mixing ratio (by weight)
- Gelling Time: 20 min
- Packaging 1kg, 3kg , 5kg. tins

Application Areas:

- It is used as a casting material for insulating electrical connections, underground cable joint insulation and mould casting in cable industry..



POLİN PU 8049



ELECTRICAL INSULATION VARNISH

- Polin PU 8049 is a one component electrically insulating varnish based on polyurethane that dries by reaction with atmospheric moisture.
- Curing time is 2 or 3 hours
- Gelling Time : 40-45 min.
- Packaging : 1 or 7 KG Pail, 200 KG Barrel



POLİN PU 7005 INJECTION MATERIAL



- Polin PU 7005 is mono component aqua-reactive, solvent free injection resin which is swelled itself when it reacts with water. It is not flammable
- It stops high-pressure water streams with controllable reaction timing.
- Resists to soft acids, organic solvents, alkali metals, microorganisms and bacterias.
- 25 kg Polin PU 7005 - Polin Activator 0,25 kg (Metal Box)
- 6 months shelf life at standard room conditions in unopened original packaging. Storage temperature 15-20 ° C

Application Areas:

- Permanent structural crack sealing of underground structures – tunnels, shafts, basements, underpasses etc.
- Negative pressure, light and heavy water leaks,
- A high pressure or high flow of water leaks,
- Tunnel construction areas,
- Provides a highly durable elastic sealing of joints and dilatation areas.



