



**We Make the  
Best Coatings**



**Product Catalog**

## Contents

**04** Primers

**08** Waterproofing Products

**18** Thermal Insulation Products

**20** Floor Coatings Products

**36** Topcoat Paint Coatings

**40** Repair Products

**42** Sealants

**44** Injections

**46** Adhesives

**47** Surface Preparation

**“We Make the Best Coatings”**



## ABOUT US;

NEOPOL KİMYA produces waterproofing systems, floor coating systems, thermal insulation systems and decorative coating products as a Kocaeli-based chemical factory with its 20 years of industryexperienced technical staff. As a new company in the sector, NEOPOL KİMYA, which knows the needs of the sector very well, provides products that help the sector to produce economical and functional solutions suitable for its needs. It develops its production portfolio based on its own R & D and experience gained from the market. NEOPOL KİMYA, which continues to grow with its perfectionist approach and dynamic energy, offers quality solutions to its business partners with its experienced technical team. NEOPOL KİMYA is your solution partner by providing consultancy services in new projects and project productions with its technical staff who have gained experience in large domestic and international construction and industrial projects. By integrating our philosophy of continuous improvement with the rules of "ISO Management Standards", not leaving quality and safety to chance, emphasizing the importance of systematic work so that it can be felt at all levels in our organization, we turn this understanding into a corporate culture.

## MISSION;

We aim to increase durability and improve both energy and material efficiency for building and industrial applications. We always do our best to contribute to reducing resource consumption for our own company as well as for our partners who rely on our products. We look at the development of our business from a long-term perspective and act responsibly and respectfully towards our customers, stakeholders and employees. We work with a focus on safety, quality, environment, fair treatment, social inclusion, responsible growth and value creation.

## VISION;

As "NEOPOL KİMYA", we will always adhere to the philosophy of sustainable environment, occupational health / safety and sustainable development, and we will continue to contribute to the development of the sector in which we operate by constantly improving each of our business processes in accordance with this understanding.

## NEOPRIMER EP 100WB



### Advantages:

- Excellent penetration to concrete,
- Dries quickly and provides quick re-coating,
- Applicable at low temperature and in very humid environments,
- Odor-free as it is water-based,
- Excellent adhesion on all mineral coatings and old epoxy floor coatings,
- Applicable on humid concrete,

### Packaging Information

20 kg set of NEOPRIMER EP 100WB; It consists of a net of 14 kg of NEOPRIMER EP 100WB component A in a bucket and a net of 6 kg of NEOPRIMER EP 100WB B component in a gallon.

### Definition:

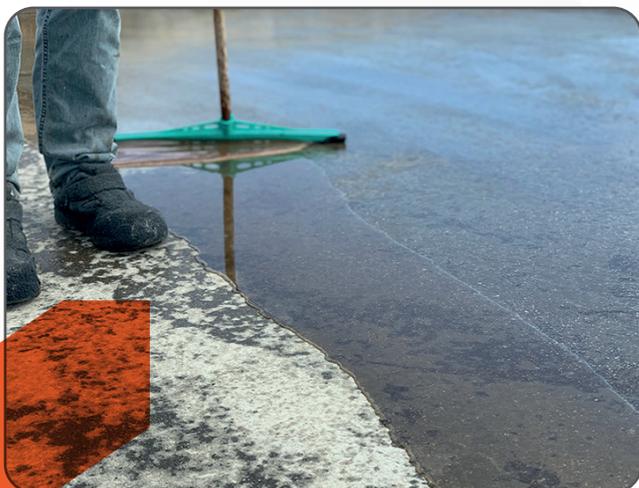
Epoxy resin-based, two-component, diluted-in-water, highly wearing resistant and mechanically resistant undercoating material applicable for asphalt and humid concrete.

### Areas of Application:

- As a primer layer before the application of epoxy, polyurethane or polyurea top coatings on asphalt, concrete, cementitious or epoxy mortars, on floors subject to medium and heavy loads,
  - As a transparent epoxy protector on epoxy or polyurethane resin based mortars and self-leveling screeds,
  - As a primer coat of concrete surfaces in food processing facilities and drinking water tanks,
- As a transition layer in order to ensure adhesion between the old floor coverings whose overcoat time has expired and the new coating to be applied,
- It is used in repairing large cracks and chamfering by mixing with silica sand or different fillings.



## NEOPRIMER EP 110SF



### Packaging Information

14 kg set of NEOPRIMER EP 110SF; It consists of a net of 10 kg of NEOPRIMER EP 110SF component A in a bucket and a net of 4 kg of NEOPRIMER EP 110SF B component in a gallon.

### Definition:

Epoxy resin based, two component, solvent free, low viscosity transparent floor coating material. Excellent penetration to surfaces, and fills holes and pores. As it does not contain solvents, odour - free and therefore can be used indoors and outdoors. After curing, it becomes very resistant to abrasion and breakage.

### Areas of Application:

- As a primer layer before applying epoxy or polyurethane top coatings on concrete, cementitious or epoxy mortars, on floors exposed to medium and heavy loads,
- As a concrete primer to wet the concrete surface and to obtain a good holding bridge before epoxy mortar, epoxy self-leveling screed, epoxy laminate or epoxy/polyurethane top coat coatings,
- Level connection, as a binding in the preparation of repair and correction mortar,
- As a binder in the preparation of epoxy mortar with a thickness of 5 – 8 mm,
- It is used on the chamfer surface in the repair process of large cracks by mixing with silica sand or different fillings.

### Advantages:

- Low viscosity,
- High wetting ability,
- The series is cured.

## NEOPRIMER EP 120SF



### Advantages;

- Excellent adhesion and wetting capability, suitable for use glossy mineral surfaces (including ceramic),
- Suitable as an insulation primer and lamination resin because of its resilient and hard structure,
- Good adhesion to wet and dry substrates, exhibit rapid cure, even at low temperatures with a workable pot-life and have the ability to resist moisture while curing.

### Definition;

It is an epoxy resin-based, two-component, solvent-free, bonding bridge and penetration floor coating material that can be cured in damp concrete.

### Areas of Application;

- As a primer layer before applying epoxy or polyurethane top coatings on concrete, cementitious or epoxy mortars, on floors exposed to medium and heavy loads,
- As a concrete primer to wet the concrete surface and to obtain a good holding bridge before epoxy mortar, epoxy self-leveling screed, epoxy laminate or epoxy/polyurethane top coat coatings,
- Level connection, as a binding in the preparation of repair and correction mortar,
- As a binder in the preparation of epoxy mortar with a thickness of 5 – 8 mm,
- In the repair process of large cracks, on the chamfer surface, by mixing with silica sand or with different fillings,
- As a primer for insulation systems and as a lamination protective system,
- It is used as a primer for different surfaces in polyurea applications.

### Packaging Information

17,50 kg set of NEOPRIMER EP 120SF; It consists of a net of 12,50 kg of NEOPRIMER EP 120SF component A in a bucket and a net of 5,00 kg of NEOPRIMER EP 120SF B component in a gallon.

## NEOPRIMER EP 300SF



### Advantages;

- Low viscosity.
- High wetting capability
- Excellent adhesion.
- Resistant to heavy load.
- It can be applied on moisture concrete.
- Multipurpose.

### Definition;

Epoxy resin-based, two-component, solvent-free, low-viscosity primer - intermediate level - leveling and thick layer mortar floor coating material. Easy to apply and penetrates perfectly into surfaces. Fills the eyelets and micro-cracks and pores on application surfaces thanks to its filler structure. Suitable for indoor and outdoor application as it is solvent-free.

### Areas of Application;

- For priming the concrete, cement or epoxy grout, because of creating high mechanical and chemical resistance floor,
- As primer layer before application of epoxy or polyurethane top-coats for floors subject to medium to heavy load,
- As binder for preparation of level stabilization, repair and improvement mortar;
- For repair of big cracks and form of chamfering by mixing with silica sand or different fills,

### Packaging Information

25 kg set of NEOPRIMER EP 300SF; It consists of a net of 20 kg of NEOPRIMER EP 300SF component A in a bucket and a net of 5 kg of NEOPRIMER EP 300SF B component in a gallon.

## NEOPRIMER PUR 50SC



### Packaging Information

NEOPRIMER PUR 50SC; in can bucket: 20 kg

### Definition;

Polyurethane resin based, a single-component, low-viscosity, transparent, polyurethane undercoating materials. Excellent penetration to surfaces. Designed to increase adhesion on the lower layers of polyurethane coating.

### Areas of Application;

- As a primer layer before applying polyurethane topcoats on concrete, cementitious or epoxy mortars,
- Metal surfaces,
- Plastered and gypsum surfaces,
- Wooden surfaces,
- General uses,
- It is used on bitumen based surfaces.

### Advantages;

- Single component and low viscosity,
- High wetting ability,
- The series is cured.
- It offers a low-cost solution for concrete sealing and protection.

## NEOPRIMER PUR 100SC



### Advantages;

- Low viscosity,
- High wetting ability,
- The series is cured.
- It has high hydrophobic property.
- When treated with mineral fillings, it functions effectively as a waterproofing material.

### Packaging Information

A 10 kg set of NEOPRIMER PUR 100SC; It consists of a net of 6 kg of NEOPRIMER PUR 100SC component A in a bucket and a net of 4 kg of NEOPRIMER PUR 100SC component B in a gallon.

### Definition;

Polyurethane resin based, two component, solvent free, low viscosity transparent primer material. It penetrates the surfaces perfectly. Since it does not contain solvent, odour - free and therefore can be used indoors. With its semi-hard feature, it becomes very resistant to abrasion and breakage after curing. Also, the polyurethane-based primer material developed to be used in the preparation of the surface to be waterproofed is specially designed for damp or wet concrete surfaces. It cures in a short time and does not contain toxic substances. Solvent Free (zero VOC/Volatile Organic Compounds).

### Areas of Application;

- As a primer layer before applying polyurethane topcoats on concrete, cement or epoxy grout, on floors subject to medium and heavy loads,
- Metal surfaces, galvanized metal, aluminum, marble surfaces
- Plastered and gypsum surfaces,
- Wooden surfaces,
- General uses,
- Strengthening the adhesion between the layers in applications for other products,
- In application environments with insufficient ventilation conditions
- Bitumen and asphalt based membranes,
- Non-polyurethane based systems such as acrylic paints,
- As a binder in the preparation of level balancing, repair and correction mortar,
- It is used in repairing large cracks and chamfering by mixing with silica sand or different fillings.

## NEOPRIMER PUR S20AL



### **Definition:**

It is an aliphatic polyurethane resin based, one component, low viscosity, transparent, primer material developed to increase the adhesion of coatings to be applied on glass and glazed surfaces in preparation of the substrate. It penetrates the surfaces perfectly.

### **Areas of Application:**

- Glass and similar surfaces,
- Metal surfaces,
- Ceramic surfaces,
- It is used on PVC and TPO based surfaces.

### **Advantages:**

- One component and low viscosity,
- High wetting ability,
- The series is cured.
- It is UV resistant.

### **Packaging Information**

NEOPRIMER PUR S20AL; in metal packaging: 1 LT – 5 LT – 20 LT



Neopol  
Kimya

"We Make the Best Coatings"

## NEOBITUMEN 100BK



### Areas of Application:

- In foundation and curtain walls,
- In wet areas, retaining walls,
- In the protection and insulation of buildings and building elements exposed to leakage water, temporary or permanent water pressure,
- It can be applied for bonding insulation and drainage boards.

### Definition;

NEOBITUMEN 100BK is a bitumen - rubber based, single component, high viscosity waterproofing coating material.

### Advantages;

- It is easy to prepare and apply, does not contain solvent, is environmentally friendly,
- Provides a jointless, seamless, permanent moisture and waterproof coating,
- It can be used on vertical and horizontal surfaces, It provides good adhesion to the applied surface, It has the feature of bridging shrinkage cracks with its flexible structure,
- It is applied on dry and slightly damp surfaces, It is applied with a brush and a steel trowel.
- Resistant to freeze-thaw cycle,
- Resistant to various salt solutions and weak acids, It can be used in areas affected by motion and vibration.

### Packaging Information

In plastic bucket; 18kg

## **BITUMEN BASED PRODUCTS**

## NEOBITUMEN 440BK



### Definition;

NEOBITUMEN 440BK is a bitumen based, two component, high viscosity waterproofing material.

### Areas of Application;

- In foundation and curtain walls,
- In wet areas, retaining walls,
- In the protection and insulation of buildings and building elements exposed to leakage water, temporary or permanent water pressure,
- It can be applied for bonding insulation and drainage boards.

### Advantages;

- It is easy to prepare and apply, does not contain solvent, is environmentally friendly,
- Provides a jointless, seamless, permanent moisture and waterproof coating,
- It can be used on vertical and horizontal surfaces, It provides good adhesion to the applied surface, It has the feature of bridging shrinkage cracks with its flexible structure,
- It is applied on dry and slightly damp surfaces, It is applied with a brush and a steel trowel.
- Resistant to freeze-thaw cycle,
- Resistant to various salt solutions and weak acids, It can be used in areas affected by motion and vibration.

### Packaging Information

Powder Component: 8 kg

Liquid Component: 24 kg

## NEOBITUMEN 545BK



### Packaging Information

As a set in a 32 kg plastic bucket;  
Powder Component: 8 kg  
Liquid Component: 24 kg

### Definition;

NEOBITUMEN 545BK is a bitumen based, two component, high viscosity waterproofing material.

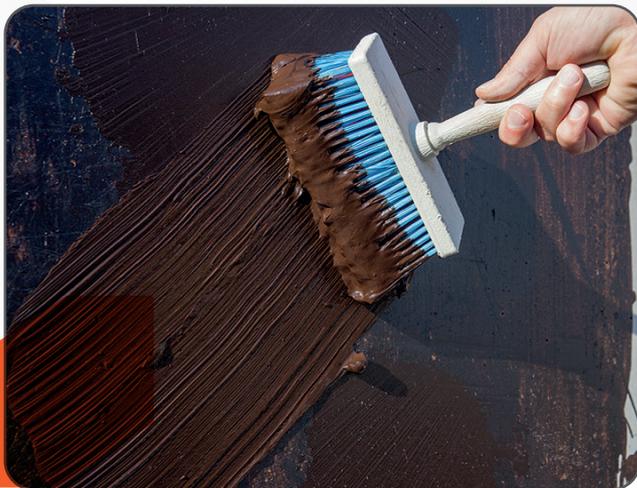
### Areas of Application;

- In foundation and curtain walls,
- In wet areas, retaining walls,
- In the protection and insulation of buildings and building elements exposed to leakage water, temporary or permanent water pressure,
- It can be applied for bonding insulation and drainage boards.

### Advantages;

- It is easy to prepare and apply, does not contain solvent, is environmentally friendly,
- Provides a jointless, seamless, permanent moisture and waterproof coating,
- It can be used on vertical and horizontal surfaces, It provides good adhesion to the applied surface, It has the feature of bridging shrinkage cracks with its flexible structure,
- It is applied on dry and slightly damp surfaces, It is applied with a brush and a steel trowel.
- Resistant to freeze-thaw cycle,
- Resistant to various salt solutions and weak acids, It can be used in areas affected by motion and vibration.

## NEOBITUMEN 600BK



### Packaging Information

As a set in a 32 kg plastic bucket;  
Powder Component: 8 kg  
Liquid Component: 24 kg

### Definition;

NEOBITUMEN 600BK is a bitumen based, two component, high viscosity waterproofing material.

### Areas of Application;

- In foundation and curtain walls,
- In wet areas, retaining walls,
- In the protection and insulation of buildings and building elements exposed to leakage water, temporary or permanent water pressure,
- It can be applied for bonding insulation and drainage boards.

### Advantages;

- It is easy to prepare and apply, does not contain solvent, is environmentally friendly,
- Provides a jointless, seamless, permanent moisture and waterproof coating,
- It can be used on vertical and horizontal surfaces, It provides good adhesion to the applied surface, It has the feature of bridging shrinkage cracks with its flexible structure,
- It is applied on dry and slightly damp surfaces, It is applied with a brush and a steel trowel.
- Resistant to freeze-thaw cycle,
- Resistant to various salt solutions and weak acids, It can be used in areas affected by motion and vibration.

**NEOPUR PU 602BT****Areas of Application:**

- In roof terrace areas, in parking lots, In aircraft hangars, Tunnels, On asphalt and EPDM membranes, In plant beds and green roof systems, In the waterproofing of roofs made of metal or fiber cement, In potable water tanks, In the waterproofing of foundation and curtain concrete of constructions, It is used in irrigation channels.

**Packaging Information**

- Component A: 20 kg metal bucket packaging
- Component B: 20 kg metal bucket packaging

**Definition:**

NEOPUR PU 602BT is a two-component, polyurethane-bitumen modified, liquid waterproofing material. It cures quickly and adheres perfectly to all types of surfaces, forming a highly elastic film. It provides excellent mechanical properties, high tensile, stretch, tear and abrasion resistance. It shows good chemical resistance. It is effective in water vapor transmission. The film breathes and thus prevents moisture from accumulating under the floor. Allows thick coat application, does not bubble. It makes high crack bridging. It is an excellent covering and adheres to the surface very well. It is easy and fast to apply and offers easy solutions in detail insulation applications. It has high thermal resistance and maintains its mechanical properties at temperatures in the range of -40 to +80 °C.

**Advantages:**

- The 1/1 volume of the components facilitates the mixing process.
  - It cures fast.
  - Thick coat can be applied; does not form bubbles.
  - Crack bridging property is excellent.
  - It adheres perfectly to almost any surface, with or without a primer.
- Although it does not need to be diluted, solvent can be used depending on the conditions.
- Its thermal resistance is excellent; The product never softens. Maximum usage temperature is 80 oC, maximum shock temperature is 200 oC.
  - It is resistant to cold. The film retains its elasticity down to -40°C.
  - It has excellent mechanical properties; elongation ability, tensile, tear and abrasion resistance is high.
  - It shows good resistance to chemicals.
  - It functions effectively as a water vapor barrier.
  - Since it is a liquid material, it is applied with a roller; It is not necessary to use an open flame (torch) during application.



Neopol  
Kimya

“We Make the Best Coatings”

## NEOPUR PU 610BT



### Packaging Information

NEOPUR PU 610BT; in can bucket: 25 kg

### Definition;

NEOPUR PU 610BT is a single component, bitumen modified polyurethane based liquid waterproofing material. Cures with moisture in the air. It forms a highly elastic and durable film by adhering perfectly to different surfaces. The product completely contains bitumen, pure elastomeric hydrophobic polyurethane resin and special inorganic additives.

### Areas of Application;

- In foundation concrete,
- On roofs, verandas and balconies (provided that they are covered),
- In wet volume areas,
- In building units where the waterproofing material must show high crack bridging properties horizontally and vertically,
- On cement-based surfaces,
- In very moisture indoor areas,
- Under tiles in bathrooms,
- Asphalt, bitumen felt etc. used in waterproofing.

### Advantages;

- Since it is a liquid material, it is easily applied with a roller; It is not necessary to use an open flame (torch) during application.
- When applied, it creates a seamless waterproofing membrane with no joints.
- It is frost resistant.
- It cures fast.
- It adheres perfectly to almost any surface, with or without a primer.
- Its thermal resistance is excellent; The product never softens.
- It is resistant to cold; The film retains its elasticity down to -40 oC.
- It has superior mechanical properties; elongation ability, tensile, tear and abrasion resistance is high.
- Chemical resistance is excellent.

Neopol  
Kimya

“We Make the Best Coatings”

**Advantages;**

- It has high resistance to UV.
- Since its white color reflects most of the solar energy, it significantly reduces the temperature of the building.
- Although it does not require thinning, it can be thinned with xylene according to the conditions.
- Its thermal resistance is excellent.
- It is resistant to cold.
- The film maintains its elasticity down to -40°C.
- It has excellent mechanical properties.
- It exhibits effective resistance to chemicals.
- It does not contain toxic substances after curing.
- The film breathes; It is effective in water vapor permeability.

**Definition;**

NEOPUR PU 350UV is a single component, polyurethane based liquid waterproofing material. Cures with moisture in the air. It forms a highly elastic and durable film by adhering perfectly to different surfaces. It shows excellent mechanical and chemical properties, provides high tensile, tear and abrasion resistance. It is effective in water vapor transmission. The film breathes and prevents moisture from accumulating on the substrate. It has the feature of bridging shrinkage cracks with its elastic structure. The product contains completely pure elastomeric hydrophobic polyurethane resin and special inorganic additives. The product content is to the material; It provides excellent resistance to UV, chemical, mechanical and thermal aspects. It is easy to apply.

**Areas of Application;**

- On concrete roofs,
- Verandas and balconies, Bathrooms,
- Light roofs made of metal and fibrous materials,
- Asphalt membranes,
- EPDM membranes, Bridge platforms,
- It is used in irrigation channels.

**Packaging Information**

NEOPUR PU 350UV; in can bucket: 25 kg

## NEOPUR PU 360LV

**Definition;**

NEOPUR PU 360LV is a single mixed, polyurethane based liquid water material. Cures with moisture in the air. It adheres perfectly to different fabrics, forming a wide elastic and durable film. It shows excellent mechanical and chemical properties, provides high tensile, wear and abrasion resistance. It is effective in water vapor permeability. The film breathes and prevents moisture from accumulating on the substrate. It has the feature of bridging shrinkage cracks with its elastic structure. The product contains a completely pure elastomeric hydrophobic polyurethane structure and special inorganic additives. It is easy to apply.

**Areas of Application;**

- On concrete roofs,
- On verandas and balconies,
- In wet volumes,
- Light roofs made of metal and fibrous materials,
- Asphalt membranes,
- EPDM membranes, Bridge platforms,
- It is used in irrigation channels.

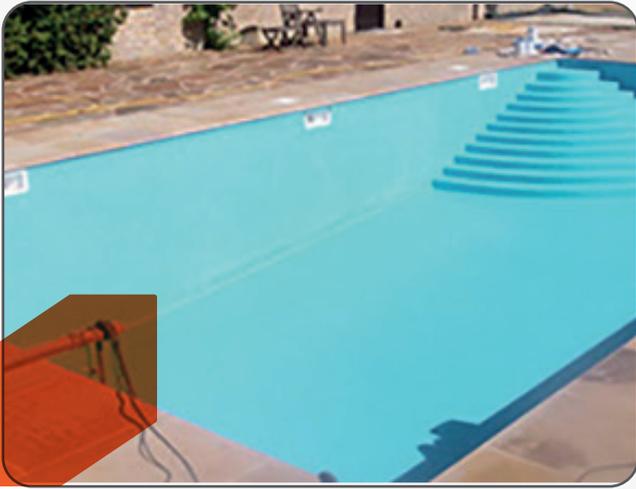
**Advantages;**

- Although it does not require thinning, it can be thinned with xylene according to the conditions.
- Its thermal resistance is excellent.
- It has excellent mechanical properties.
- It exhibits effective resistance to chemicals.
- It does not contain toxic substances after curing.
- The film breathes; It is effective in water vapor permeability.

**Packaging Information**

NEOPUR PU 360LV; in can bucket: 25 kg

## NEOPUR PU 402



### Definition;

NEOPUR PU 402 is a two-component, solvent-free, elastic, crack-bridging, polyurethane-based waterproofing material. When cured, it forms a hydrophobic membrane with high mechanical strength. It does not contain solvent, it can be easily applied in closed areas. It shows excellent adhesion to all kinds of surfaces. Due to its suitable consistency, it can be easily applied even in difficult details.

### Areas of Application;

- In water tanks,
- In water channels,
- In wet areas where the bottom or top of the ceramic will be left uncovered,
- In pools
- It can be used as a waterproofing material on terraces.

### Advantages;

- It adheres perfectly to almost any surface.
- It does not contain solvent, it can be easily applied in closed areas.
- It has very high hydrophobic and hydrolysis resistance.
- It performs in a wide temperature range. Heat resistance is between -40°C to 90°C.
- It exhibits effective resistance to chemicals.
- It is the most ideal solution for water tanks in terms of cost-performance.

### Packaging Information

Component A: 18 kg metal bucket packaging

Component B: 3 kg metal bucket packaging



## NEOPUR PU TRANS



### Definition;

It is a one component, transparent, polyurethane based liquid waterproofing material with high UV resistance. Cures with moisture in the air. It adheres perfectly to different surfaces, forming a highly elastic and durable film with UV resistance. It shows excellent mechanical and chemical properties, provides high tensile, tear and abrasion resistance. It is effective in water vapor transmission. The film breathes and prevents moisture from accumulating on the substrate.

### Areas of Application;

- Tiles such as marble, ceramic, Natural stones,
- Verandas and terraces,
- It can be used on wooden surfaces.

### Advantages;

- Easy to apply (by roller or airless spray).
- It is resistant to UV.
- Does not yellowing.
- When applied, it creates a seamless cover that does not allow any joints or the possibility of leakage.
- It is resistant to water puddles.
- It maintains its mechanical properties at temperatures between -30°C and +90°C.
- It is frost resistant.
- It adheres perfectly to the surface.
- It is possible to walk on the surfaces on which the product is applied.
- Protects mineral surfaces against freezing, steam and acid rain.
- It gives a more transparent appearance to aging and oxidized plastic surfaces.
- By providing waterproofing of damaged glass surfaces, it prevents the glass from breaking into pieces in case of breakage.

### Packaging Information

NEOPUR PU TRANS; in can bucket: 5 L and 25 L

**NEOPROOF PUA 900IN****Areas of Application:**

- In industrial floor coverings,
- In waste water treatment plants,
- In sewage waste pipelines,
- In steel and concrete pipes,
- Swimming pools, water tanks,
- In underground structures,
- Roofs, balconies, terraces,
- Used on car park roofs.

**Definition:**

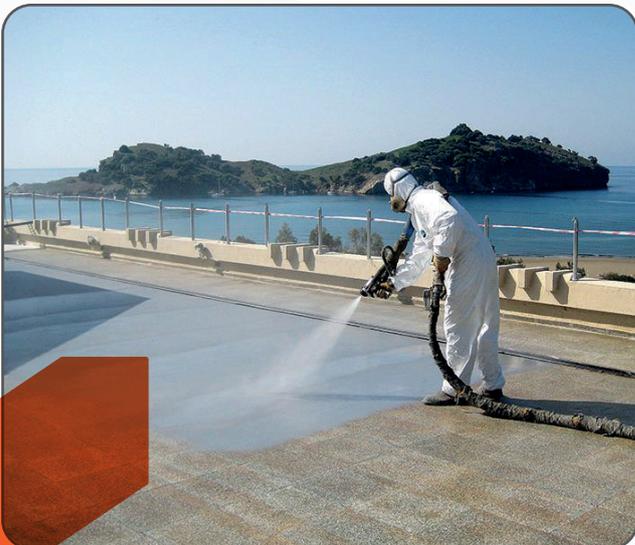
NEOPROOF PUA 900IN is a two-component, solvent and plasticizer-free, pure polyurea system consisting of 100% solids. It is applied with high pressure hot spray technique using application machines designed for two-component products. NEOPROOF PUA 900IN is an elastic waterproofing product especially for industrial areas that require high mechanical and chemical resistance. It adheres very well to concrete, metal and mineral surfaces. It dries fast, service time is short. It does not form air bubbles on properly prepared and primed floors.

**Advantages:**

- It can be used on many surfaces with the right primer,
- Unlined use on carbon or low carbon steel surfaces and unlined use in profile structures (75-100 micron surface part) towards the surface,
- VOC free and odorless
- It can be used on horizontal and vertical surfaces,
- It creates a monolithic, joint-free surface,
- Very fast to apply and the surface to be ready for use,
- It is suitable for continuous water contact,
- Flexible, has high mechanical and development possibilities,
- Excellent resistant to underground chemicals.
- It maintains its elasticity up to -45 OC.
- It is thermoset. High fiber does not soften.

**Packaging Information**

1 Set of 425KG NEOPROOF PUA 900IN;  
 Component A: 225KG metal drum  
 Component B: 200KG metal drum

**NEOPROOF PUA 850PR****Packaging Information**

1 Set of 425KG NEOPROOF PUA 850PR;  
 Component A: 225KG metal drum  
 Component B: 200KG metal drum

**Definition:**

NEOPROOF PUA 850PR is a two-component, solvent and plasticizer-free, pure polyurea system consisting of 100% solids. It is applied with high pressure hot spray technique using application machines designed for two-component products. NEOPROOF PUA 850PR is an elastic waterproofing product with high mechanical and chemical resistance. It adheres very well to concrete, metal and mineral surfaces. It dries fast, service time is short. It does not form air bubbles on properly prepared and primed floors.

**Areas of Application:**

- Roofs, balconies, terraces,
- In green roof systems,
- Swimming pools, water tanks,
- On the roofs of the parking lot
- In steel and concrete pipes,
- It is used in underground structures.

**Advantages:**

- It can be used on many surfaces with the right primer,
- VOC free and odorless
- It can be used on horizontal and vertical surfaces,
- Creates a monolithic, joint-free surface,
- Very fast to apply and the surface to be ready for use,
- Suitable for continuous water contact,
- Flexible, has high mechanical and abrasion resistance,
- Excellent resistant to underground chemicals.
- It maintains its elasticity up to -45 OC.
- It is thermoset. It does not soften at high temperatures.
- It has ASTM G160-12 certificate that it does not produce microorganisms.
- It has a plant root resistance certificate according to the CEN/TSE 14416 standard.

## NEOPROOF PUA 825HB



### Packaging Information

1 Set of 425KG NEOPROOF PUA 825HB;  
Component A: 225KG metal drum  
Component B: 200KG metal drum

### Definition:

NEOPROOF PUA 825HB is a two-component, solvent and plasticizer-free hybrid polyurea system consisting of 100% solids. It is applied with high pressure hot spraying technique using special machines designed for two-component products. NEOPROOF PUA 825HB is an elastic waterproofing product with high mechanical and chemical resistance. It adheres very well to concrete, metal and mineral surfaces. It dries fast, service time is short. It does not form air bubbles on properly prepared and primed floors.

### Areas of Application:

- Roofs, balconies, terraces,
- Swimming pools, water tanks,
- On the roofs of the parking lot
- In steel and concrete pipes,
- It is used in underground structures.

### Advantages:

- It can be used on many surfaces with the right primer,
- Use without primer on carbon or low carbon steel surfaces and without primer when the correct surface profile is made (75-100 micron surface sanding),
- VOC free and odorless
- It can be used on horizontal and vertical surfaces,
- Creates a monolithic, joint-free surface,
- Very fast to apply and the surface to be ready for use,
- Suitable for continuous water contact,
- Flexible, has high mechanical and abrasion resistance, and is resistant to underground chemicals.
- It maintains its elasticity up to -45 0C.
- It is thermoset. It does not soften at high temperatures.

## NEOPROOF PUA 800CW



### Definition:

NEOPROOF PUA 800CW is a two component, easy and cold applied polyurea system. NEOPROOF PUA 800CW is an elastic waterproofing product with high mechanical and chemical resistance. It adheres very well to concrete, metal and mineral surfaces. It dries fast, service time is short. It has crack bridging feature. It does not form air bubbles on properly prepared and primed floors.

### Areas of Application:

- Concrete structures, roofs, balconies, terraces,
- In water tanks,
- In secondary enclosure waterproofing,
- It can be used as a repair kit for hot spray polyurea.

### Advantages:

- Crack bridging up to 2mm.
- Flexible.
- It is suitable for application with a thickness of 2mm in one coat.
- Monolithic structure and creates a joint-free surface.
- Curing fast.

### Packaging Information

1 Set of 425KG NEOPROOF PUA 800CW;  
Component A: 20 kg metal bucket packaging  
Component B: 1.2 kg metal packaging

## NEOPROOF POLYFAST



### Definition;

NEOPROOF POLYFAST; It is a one-component, self-fluid liquid, ready-to-use, UV resistant, highly resistant to water and moisture, free of solvent and isocyanate, high permanent elasticity, can be applied with a roller or brush, is a high-tech coating and waterproofing material. It is used to waterproof large horizontal and vertical surfaces and to bridge capillary cracks up to 3 mm.

### Packaging Information

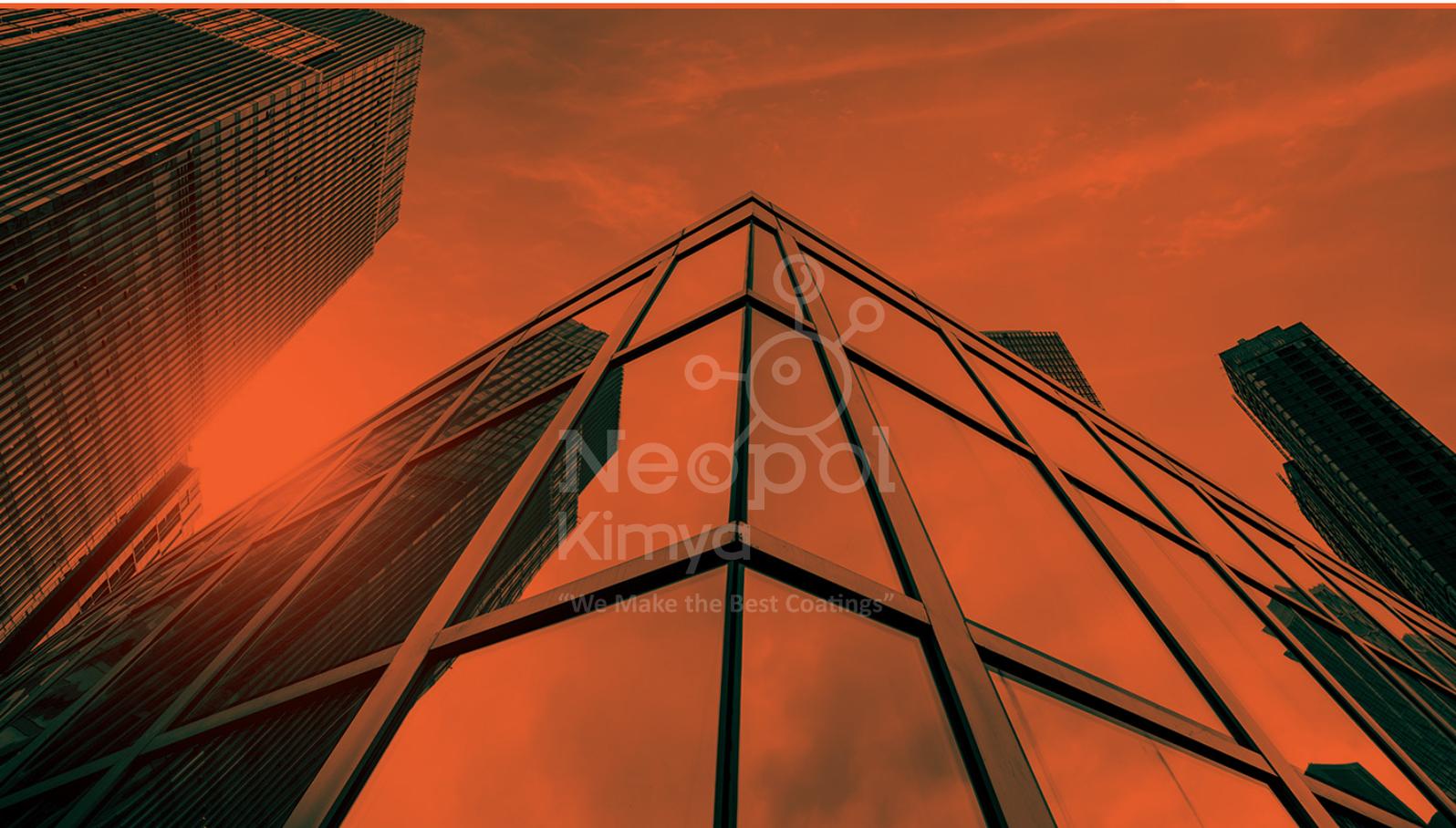
In 2 X 7 kg aluminum foil packaging in 14 KG plastic bucket

### Areas of Application;

- Indoor and outdoor
- On horizontal and vertical surfaces
- On the terraces
- On the balconies
- On roofs
- In the protection of polyurethane thermal insulation foam
- Concrete, stone, marble, ceramic, tile, all kinds of wood, glass, metal, tile, brick, betopan, on almost every surface, including gas concrete etc. mineral-based surfaces and their in combinations,
- In drinking water tanks, pools and cisterns,
- In wet areas such as bathrooms and kitchens,
- It is used against unpressurized water and ground moisture in places under the ground level such as foundations, garages, and basements.
- It is used for waterproofing and protection in bridge and deck concretes.

### Advantages;

- It does not contain solvents and isocyanates that are harmful to the environment and human health.
- It can be easily used indoors and in contact with drinking water.
- 100% elastomeric, it does not lose volume since it does not contain solvents.
- UV resistant, does not crack, turn yellow or flow. It can be used comfortably outdoors.
- It adheres perfectly even on damp surfaces without primer and provides high adherence.
- It can be applied without a primer depending on the floor structure.
- Very flexible, crack bridging up to 3 mm, crack filling up to 2 mm. It maintains its elasticity and adhesion properties in cracks and joints formed and growing by the movement of the building. It has excellent recovery property.
- It is not harmful to human and environmental health due to its low VOC values. Odorless.
- It is applied easily and quickly with a brush or roller. It does not create a joint. It can be painted over.
- Applied easily and quickly.





# Neopol Kimya

“We Make the Best Coatings”

## NEOFOAM B2 d10



### Definition:

It is produced for polyurethane spray foam applications, which can be applied with 1:1 fixed ratio polyurethane spray machines by volume. The final product, the foam, has excellent physical properties and is in the B2 non-flammability class according to the DIN4102 Standard. Suitable for attic, wall, wooden ceiling, filling applications. The application density may vary depending on the number and thickness of the applied layers, atmospheric conditions and the application method (horizontal - vertical). In order to ensure a good foam adhesion on the applied surfaces, the surface must be dry, not at very low temperatures, and free from dust and oil. Since it has more than 50% open cells, it is suitable for use for sound insulation.

### Packaging Information

1 Set of 470 KG NEOFOAM B2 d10;  
Component A: 250KG metal drum  
Component B: 220KG metal drum



## NEOFOAM B2 d30



### Definition:

NEOFOAM B2 d30 is produced for polyurethane spray foam applications, which can be applied with 1:1 fixed ratio polyurethane spray machines by volume. New generation inflator gas is used, does not contain HCFC. It has low GWP and ODP (=0). The final product, the foam, has excellent physical properties and is in the B2 non-flammability class according to the DIN4102 Standard.

Suitable for roof, wall, ceiling, floor, trapezoidal sheet applications, cold storage floors and walls, pipeline support, trench breaker/plug use. The application density may vary depending on the number and thickness of the applied layers, atmospheric conditions and the application method (horizontal - vertical). In order to ensure a good foam adhesion on the applied surfaces, the surface must be dry, not at very low temperatures, and free from dust and oil.

### Packaging Information

1 Set of 470 KG NEOFOAM B2 d10;  
Component A: 250KG metal drum  
Component B: 220KG metal drum

## NEOFOAM B1 d40



### Definition:

NEOFOAM B1 d40 spray systems are produced for polyurethane spray foam applications, which can be applied with 1:1 fixed ratio polyurethane spray machines by volume. The final product, the foam, has excellent physical properties and is in B1 non-flammability class according to DIN4102 Standard.

### Areas of Application;

Roof, wall, ceiling, floor,  
In trapezoidal hair applications,  
Cold storage floors and walls,  
pipeline support is suitable for trench breker/plug use.

The application density may vary depending on the number and thickness of the applied layers, atmospheric conditions and the application method (horizontal - vertical). In order to ensure a good foam adhesion on the applied surfaces, the surface must be dry, not at very low temperatures, and free from dust and oil.

### Packaging Information

1 Set of 470 KG NEOFOAM B2 d10;  
Component A: 250KG metal drum  
Component B: 220KG metal drum



## NEOFLOOR EP 512 FLR



### Defination;

It is an epoxy resin-based, two-component, solvent-free, low-viscosity, self-leveling, multi-layered or thin-layered, very bright and wear-resistant colored floor coating material.

### Areas of Application;

- On concrete, cement or epoxy mortars, on all industrial floors,
- In areas where visuality is important such as stores, show-rooms, laboratories,
- In areas with heavy pedestrian traffic such as schools, entertainment centers, hotels,
- It is used in many places where mechanical, chemical and abrasion resistance is required, on floors subject to medium and heavy loads, by itself or by mixing with quartz sand.

### Advantages;

- Solvent-free, low-viscosity flexible structure,
- Decorative appearance,
- Pressure and high abrasion resistance,
- Easy to clean and resistance to chemicals.

### Packing information

A 25 kg set of NEOFLOOR EP 512FLR consists of 20 kg net NEOFLOOR EP 512FLR A component in a bucket and 5 kg NEOFLOOR EP 512FLR B component B net in a gallon.



## NEOFLOOR EP 512SF



### Packing information

A set of 23,5 kg NEOFLOOR EP 512SF;  
Component A: 20 kg metal bucket  
Component B: 3,5 kg metal bucket

### Defination:

NEOFLOOR EP 512SF is an epoxy-based, solvent-free, two-component coating material especially developed to protect concrete and steel.

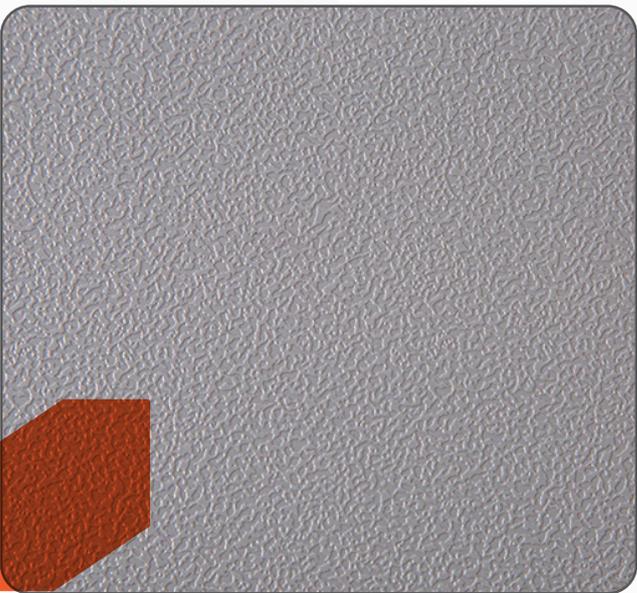
### Areas of Application:

- Indoor-outdoor, vertical and horizontal applications, Metal or concrete tanks,
- As a chemical resistant gas and vapor barrier coating on the walls,
- In oil and fuel tanks,
- In power stations, sugar factories, hangars and liquid storage areas,
- In drinking water tanks,
- In oil refineries and paper mills,
- It is used in food, pharmaceutical, paint, paper, battery and fertilizer industries, Printing houses, hotel kitchens and laundries, Hospital laboratories, dining halls, wet areas and hygienic environments.

### Advantages:

- It has a glossy surface. It has antibacterial properties. It creates a surface structure that does not allow the formation of microbes.
- It provides a hygienic environment as it is easy to clean.
- High mechanical strength.
- It has elasticity to absorb movements on metal surfaces.
- Their chemical resistance is higher than standard epoxy coatings.
- It is easily applied by brush, roller or spray method. It is waterproof.
- Does not contain solvent.
- Safe to use in drinking water tanks

## NEOFLOOR EP 512TXT



### Packing information

A set of 23 kg NEOFLOOR EP 512TXT;  
Component A: 20 kg metal bucket  
Component B: 3 kg metal bucket

### Defination:

It is an epoxy resin-based, two-component, high-volume solid, low-viscosity, colored floor coating material used as the texture, orange peel-like, final coat of paint systems designed as multi-layer or thin coating.

### Areas of Application:

- On concrete, cement or epoxy mortars, on all industrial floors,
- In warehouses, hangars and repair maintenance assembly units where forklift, loader and heavy vehicle traffic are experienced,
- In multi-layer flooring systems applied in factories and workshops and production and packaging areas,
- It is used as a decorative top coat that gives non-slip, mechanical strength and abrasion resistance on floors subject to medium and heavy loads.

### Advantages:

- Suitable for application with powerful airless spray paint application machines,
- Resistant to diesel, gasoline and many chemicals,
- High abrasion resistance,
- Rigid structure
- Non-slip surface profile.

## NEOFLOOR EP 590 TXT



### Packing information

A 22 kg set of NEOFLOOR EP 590TXT; It consists of net 20 kg NEOFLOOR EP 590TXT A component in a metal bucket and 2 kg NEOFLOOR EP 590TXT B component net in a gallon.

### Defination;

It is an epoxy resin-based, two-component, high-volume solid, low-viscosity, colored floor coating material used as the texture, orange peel-like, final coat of paint systems designed as multi-layer or thin coating.

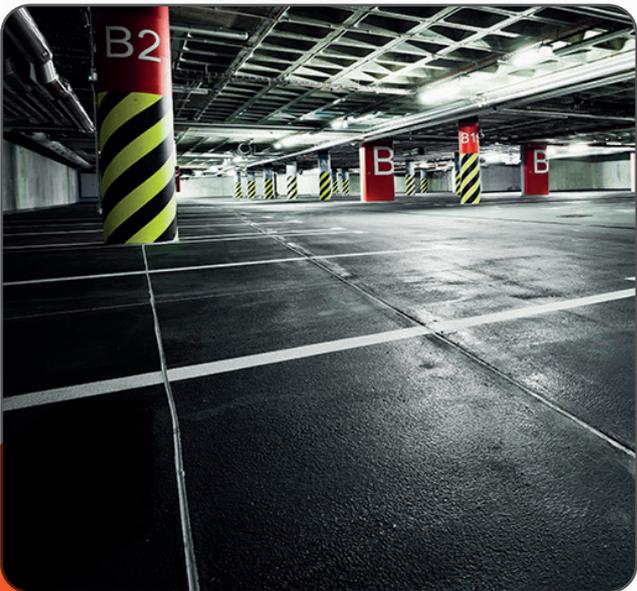
### Areas of Application;

- On concrete, cement or epoxy mortars, on all industrial floors,
- In warehouses, hangars and repair maintenance assembly units where forklift, loader and heavy vehicle traffic are experienced,
- In multi-layer flooring systems applied in factories and workshops and production and packaging areas,
- It is used as a decorative top coat that gives non-slip, mechanical strength and abrasion resistance on floors subject to medium and heavy loads.

### Advantages;

- Suitable for application with powerful airless spray paint application machines,
- Resistant to diesel, gasoline and many chemicals,
- High abrasion resistance,
- Rigid structure
- Non-slip surface profile.

## NEOFLOOR EP 580TC



### Packing information

A 22 kg set of NEOFLOOR EP 580TC; It consists of net 20 kg NEOFLOOR EP 580TC A component in a metal bucket and 2 kg NEOFLOOR EP 580TC B component net in a gallon.

### Defination;

It is an epoxy resin-based, two-component, solvent-based, high-volume solid, low-viscosity, colored floor coating material used as the smooth, glossy-looking topcoat of paint systems designed as multi-layer or thin coating.

### Areas of Application;

- On concrete, cement or epoxy mortars, on all industrial floors,
- In warehouses, hangars and repair maintenance assembly units where forklift, loader and heavy vehicle traffic are experienced,
- In multi-layer flooring systems applied in factories and workshops and production and packaging areas,
- As wall covering for increasing mechanical and chemical resistance and hygienic environment,
- It is used in many places where mechanical strength and abrasion resistance are required on floors subject to medium and heavy loads.

### Advantages;

- Suitable for application with airless spray paint application machines,
- Resistant to diesel, gasoline and many chemicals,
- High abrasion resistance,
- Rigid structure
- Easy to clean, flat surface structure that helps to create a hygienic environment.

## NEOFLOOR EP 500BC



### Packing information

A 20 kg set of NEOFLOOR EP 500BC; It consists of net 16 kg NEOFLOOR EP 500BC A component in a metal bucket and 4 kg NEOFLOOR EP 500BC B component net in a gallon.

### Defination:

It is an epoxy resin-based, two-component, solvent-free, low-viscosity, colored floor coating material used as the intermediate layer of paint systems designed as multi-layer or thin coating.

### Areas of Application:

- On concrete, cement or epoxy mortars, on all industrial floors,
- In warehouses, hangars and repair maintenance assembly units where forklift, loader and heavy vehicle traffic are experienced,
- In multi-layer flooring systems applied in factories and workshops and production and packaging areas,
- As wall covering for increasing mechanical and chemical resistance and hygienic environment,
- It is used in many places where mechanical strength and abrasion resistance are required on floors subject to medium and heavy loads.

### Advantages:

- Solvent free,
- High wetting ability suitable for multilayer surface coating systems,
- High pressure and abrasion resistance,
- That can be applied easily, spreads well, gives a smooth, and has a long overcoat time.

## NEOFLOOR EP GUARD SL



### Packing information

A 20 kg set of NEOFLOOR EP GUARD SL; It consists of net 16 kg NEOFLOOR EP GUARD SL A component in a metal bucket and 4 kg NEOFLOOR EP GUARD SL B component net in a gallon.

### Defination:

It is an epoxy resin-based, two-component, solvent-free, low-viscosity and self-leveling, colored floor coating material with high chemical resistance, used as a multi-layer or thin layer coating.

### Areas of Application:

- On concrete, cement or epoxy mortars, on all industrial floors,
- Store, show-room, laboratory areas,
- In areas with heavy pedestrian traffic such as schools, entertainment centers, hotels,
- In all industrial floorings where high chemical and water resistance is required,

### Advantages:

- Solvent-free, low-viscosity flexible structure,
- High chemical resistance,
- High mechanical strength,
- Pressure and high abrasion resistance,
- Easy to clean.

## NEOFLOOR EP GUARD TXT



### Defination;

It is an epoxy resin-based, two-component, solvent-free, low-viscosity, chemical-resistant, thixotropic, orange-peel surface-like floor coating material.

### Areas of Application;

- On concrete, cement or epoxy mortars, on all industrial floors,
- It has high abrasion resistance and is used in industrial flooring.
- It can be used in low and moderately aggressive chemical environments.

### Advantages;

- Solvent free, low viscosity,
- High chemical resistance,
- High mechanical strength,
- Pressure and high abrasion resistance,
- Easy to clean.

### Packing information

A 20 kg set of NEOFLOOR EP GUARD TXT; It consists of net 16 kg NEOFLOOR EP GUARD TXT A component in a metal bucket and 4 kg NEOFLOOR EP GUARD TXT B component net in a gallon.

## NEOFLOOR EP GUARD SF



### Defination;

It is an epoxy resin based, two component, solvent free, low viscosity, high chemical resistance colored floor coating material.

### Areas of Application;

- On concrete, cement or epoxy mortars, on all industrial floors,
- It has high abrasion resistance and is used in industrial floor coverings.
- It can be used in low and moderately aggressive chemical environments.

### Advantages;

- Solvent free, low viscosity,
- High chemical resistance,
- High mechanical strength,
- Pressure and high abrasion resistance,
- Easy to clean.

### Packing information

A 20 kg set of NEOFLOOR EP GUARD SF; It consists of net 16 kg NEOFLOOR EP GUARD SF A component in a metal bucket and 4 kg NEOFLOOR EP GUARD SF B component net in a gallon.

## NEOFLOOR EP CONDUCTIVE



### Defination;

It is an epoxy resin based, two component, low viscosity, intermediate layer material of antistatic floor coating system.

### Areas of Application;

- It is used to obtain electrostatically conductive surface coating on concrete and cementitious surfaces.

### Advantages;

- It is electrostatically conductive.

### Packing information

A 16,5 kg set of NEOFLOOR EP CONDUCTIVE; It consists of net 15 kg NEOFLOOR EP CONDUCTIVE A component in a metal bucket and 1,5 kg NEOFLOOR EP CONDUCTIVE B component net in a gallon.

## NEOFLOOR EP 510AS



### Defination;

It is an epoxy resin-based, two-component, solvent-free, low-viscosity, self-leveling, colored, antistatic floor coating material.

### Areas of Application;

- It is used to obtain electrostatically conductive surface coating on concrete and cementitious surfaces.
- It can be used alone as described in the application section on surfaces subject to moderate mechanical loads.
- On surfaces subject to heavy mechanical load, it is used as a finishing coat after the concrete surface is prepared with carrier epoxy layers (mortar, • multilayer, etc.) as described in the application section.

### Advantages;

- Electrostatically conductive.
- Creates an aesthetically pleasing, glossy surface.
- It has high mechanical and chemical resistance.

### Packing information

A 24 kg set of NEOFLOOR EP 510AS; It consists of net 20 kg NEOFLOOR EP 510AS A component in a metal bucket and 4 kg NEOFLOOR EP EP 510AS B component net in a gallon.



## NEOFLOOR EP 3D



### Packing information

A 14 kg set of NEOFLOOR EP 3D; It consists of net 10 kg NEOFLOOR EP 3D A component in a metal bucket and 4 kg NEOFLOOR EP EP 3D B component net in a gallon.

### Defination;

It is an epoxy resin-based, two-component, solvent-free, low-viscosity, decorative floor coating material that can be applied in one time with a thickness of 3 mm.

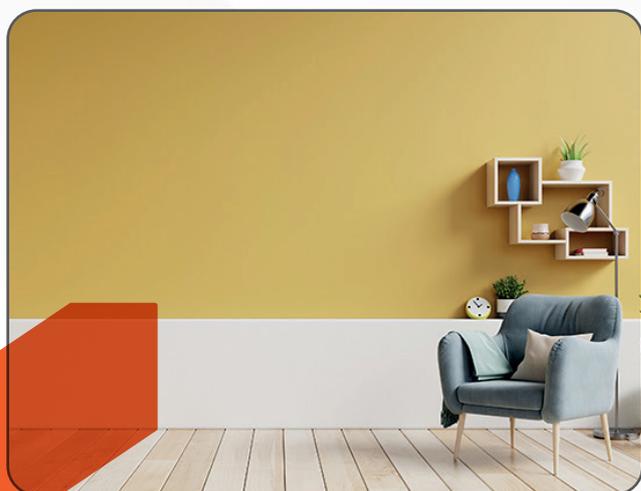
### Areas of Application;

- As a 3D decorative coating on concrete screed surfaces directly or on images applied on screed,
- As a decorative and protective coating after epoxy or polyurethane mortar, self leveling, terrazo applications,
- Betopan, MDF etc. It is used as a protective coating that provides moisture, abrasion and low chemical resistance on floors produced from composite panels.

### Advantages;

- Can be applied up to 3 mm thickness in one time,
- Very good spreading and very good adhesion to different surfaces,
- Good water resistance,
- High pressure and abrasion resistance.

## NEOFLOOR EP WB



### Packing information

A 12,5 kg set of NEOFLOOR EP WB; It consists of net 10 kg NEOFLOOR EP WB A component in a plastic bucket and 2,5 kg NEOFLOOR EP EP WB B component net in a plastic gallon.

### Defination;

NEOFLOOR EP WB is a water-based epoxy resin, two-component, water-thinning, odorless, indoor colored floor/wall paint used as the smooth, glossy-looking topcoat of paint systems designed as multi-layer or thin coating.

### Areas of Application;

- In the production and storage areas of textile, paper and cigarette factories where dusting is not desired in the concrete but has a high humidity environment,
- Hotel etc. with light human traffic where decorative and odorless application is important. in places,
- On the walls of businesses that need to be constantly cleaned; It is used safely on the walls of industrial kitchens - beverage industry - slaughterhouses - fish and meat industry - canning and sauce production facilities.

### Advantages;

- Compared to other epoxy top coat paints, its resistance to abrasion and color/gloss change over time is excellent,
- Solvent-free, odorless, suitable for use in the food industry.
- It is easy to apply, gives a smooth and shiny surface,
- It dries quickly, 12 hours after the application, the application area is opened to light traffic,
- It adheres very firmly to all old mineral coatings and epoxy, polyurethane and polyurea floor systems.
- It can be applied at low temperature with high humidity environments,
- It has excellent resistance to all household chemicals and industrial detergents.

## NEOFLOOR EP TERRAZO



### Packing information

A 20 kg set of NEOFLOOR EP TERRAZO; It consists of net 16 kg NEOFLOOR EP TERRAZO A component in a bucket and 4 kg NEOFLOOR EP TERRAZO B component net in a gallon.

### Defination;

It is an epoxy resin-based, two-component, solvent-free, low-viscosity, colored floor coating material that is used as a decorative coating and reaches its final hardness in series.

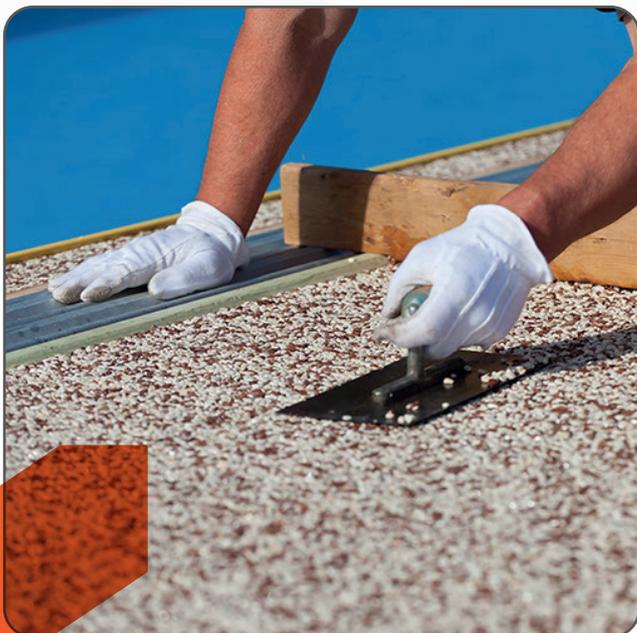
### Areas of Application;

- On concrete, cement or epoxy mortars, on all industrial floors,
- Shopping Mall, Store, show-room, laboratory areas,
- In areas with heavy pedestrian traffic such as schools, entertainment centers, hotels,
- Epoxy multilayer systems applied in warehouses, factories and work-shops where forklifts, loaders and heavy vehicle traffic are experienced, as well as in production and packaging areas,
- It is used in many places where mechanical, chemical and abrasion resistance is required, on floors subject to medium and heavy loads, by itself or by mixing with quartz sand.

### Advantages;

- Solvent-free, low-viscosity flexible structure,
- Decorative appearance,
- Pressure and high abrasion resistance,
- Easy to clean and resistance to chemicals.

## NEOFLOOR EP STONE BINDER



### Packing information

A 15 kg set of NEOFLOOR EP STONE BINDER; It consists of net 10 kg NEOFLOOR EP STONE BINDER A component in a metal bucket and 5 kg NEOFLOOR EP STONE BINDER B component net in a metal gallon.

### Defination;

It is an epoxy resin-based, two-component, solvent-free, low-viscosity, yellowing-resistant, decorative floor coating material that can be applied in one thick coat.

### Areas of Application;

- It can be mixed with natural aggregate, marble, natural stone and quartz (2-4 or 4-8 mm) on interior and exterior facades and can be used for decorative-looking, self-draining floor coating;
- On concrete, cement or epoxy mortars, on all industrial floors,
  - Garage fronts, courtyards and sidewalks,
  - On terraces and balconies,
  - In architectural arches,
  - On decorative self-draining surfaces around the swimming pool,
  - On the floors of exhibition halls, warehouses and showrooms.

### Advantages;

- Solvent free, low viscosity,
- Decorative appearance,
- Pressure and high abrasion resistance,
- High bonding force,
- Resistant to water and external conditions,

**NEOFLOOR PUR 600FLR****Defination;**

Poliüretan reçine esaslı, iki bileşenli, solventsiz, kendiliğinden yayılan çok katlı veya ince kat sert zemin kaplaması olarak kullanılan renkli zemin kaplama malzemesidir.

**Areas of Application;**

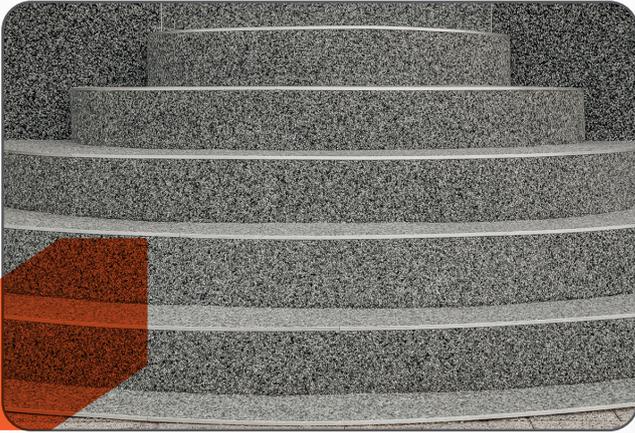
- In workplaces, repair shops, factories and parking lots, warehouses, garages, where medium-scale chemical and mechanical resistance is required,
- In industrial kitchens, chicken farms and slaughter rooms where hygienic conditions are important,
- In food processing areas and warehouses,
- In light industrial production areas.

**Advantages;**

- Creates a monolithic floor that does not require joints,
- Hygienic and healthy,
- It is easy to clean. It can be cleaned with detergents and solvent-containing cleaners,
- Creates a semi-gloss surface,
- It is resistant to abrasion and slipping.

**Packing information**

A 23 kg set of NEOFLOOR PUR 600FLR; It consists of net 19 kg NEOFLOOR PUR 600FLR A component in a metal bucket and 4 kg NEOFLOOR EP PUR 600FLR B component net in a metal gallon.

**NEOFLOOR PUR STONE BINDER 1K****Advantages;**

- Solvent free,
- High bonding force,
- Non yellowing,
- Easy to use with one component,
- Resistant to water and external conditions,

**Packing information**

NEOFLOOR PUR STONE BINDER 1K; in can bucket: 25 kg and 200 kg metal drum

**Defination;**

It is a one-component, moisture-curing, aliphatic, solvent-free, transparent, polyurethane resin-based decorative stone adhesive with high yellowing resistance.

**Areas of Application;**

- It can be mixed with natural aggregate, marble, natural stone and quartz (2-4 or 4-8 mm) on interior and exterior facades and can be used for decorative-looking, self-draining floor coating;
- On concrete, cement or epoxy mortars, on all industrial floors,
  - Garage fronts, courtyards and sidewalks,
  - On terraces and balconies,
  - In architectural arches,
  - On decorative self-draining surfaces around the swimming pool,
  - On the floors of exhibition halls, warehouses and showrooms.



## NEOFLOOR PUR STONE BINDER 2K



### Defination;

It is a two-component, aliphatic, solvent-free, transparent, polyurethane resin-based decorative stone adhesive that cures with moisture and

### Areas of Application;

It can be mixed with natural aggregate, marble, natural stone and quartz (2-4 or 4-8 mm) on interior and exterior facades and can be used for decorative-looking, self-draining floor coating;

- On concrete, cement or epoxy mortars, on all industrial floors,
- Garage fronts, courtyards and sidewalks,
- On terraces and balconies,
- In architectural arches,
- On decorative self-draining surfaces around the swimming pool,
- On the floors of exhibition halls, warehouses and showrooms.

### Advantages;

- Solvent free,
- High bonding force,
- Non yellowing,
- Resistant to water and external conditions,

### Packing Information

A 20 kg set of NEOFLOOR PUR STONE BINDER 2K; It consists of net 10 kg NEOFLOOR PUR STONE BINDER 2K A component in a metal bucket and 10 kg NEOFLOOR PUR STONE BINDER 2K B component net in a metal bucket.



**NEOFLOOR PURCOAT SP280****Packing Information**

A 30 kg set of NEOFLOOR PURCOAT SP280;  
 NEOFLOOR PURCOAT SP280 component A: 5 kg plastic packaging  
 NEOFLOOR PURCOAT SP280 component B: 5 kg plastic packaging  
 NEOFLOOR PURCOAT SP280 C component: It consists of AGREGA – CEMENT mixture in a 20 kg Kraft bag.

**Defination;**

NEOFLOOR PURCOAT SP280; It is a polyurethane resin-based, three-component, solvent-free, colored concrete coating material with excellent resistance to aggressive chemicals, developed for single layer - thick layer industrial floor applications.

It is an ideal long-lasting and durable coating material that can be used in the food, pharmaceutical and production industries, providing generally protective flat finish surfaces.

**Areas of Application;**

- Pharmaceutical and food production and processing areas, industrial kitchens,
- In chicken production farms, slaughter rooms and slaughterhouses,
- In cold storages,
- In all wet processing areas,
- In textile, ready-made clothing, cosmetics, electrical parts production areas, warehouses,
- In other industrial production facilities,
- In chemical manufacturing plants.

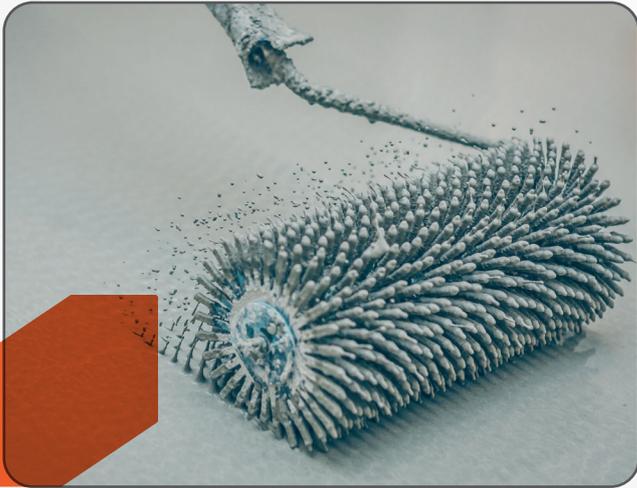
**Advantages;**

- High impact, load and thermal shock resistant,
- Wide range of chemical resistance,
- Easy to clean healthy surface,
- Decorative surfaces with mosaic appearance in different colors from plain colors,
- 4 – 9 mm at a time. the possibility of applying in thickness between
- Odorless in application,
- Easy to maintain,
- Adhesion strength is higher than the tensile strength of concrete. Failure first occurs through concrete.
- Similar coefficient of thermal expansion as concrete allows it to move with the surface in the normal thermal cycle. It maintains its physical properties and performance in a wide temperature range from -40 °C to +120 °C.

Neopol  
Kimya

"We Make the Best Coatings"

## NEOFLOOR PURCOAT HP300



### Packing Information

A 22 kg set of NEOFLOOR PURCOAT HP300;  
NEOFLOOR PURCOAT HP300 component A: 10 kg plastic packaging  
NEOFLOOR PURCOAT HP300 component B: 2 kg plastic packaging  
NEOFLOOR PURCOAT HP300 C component: It consists of AGREGA – CEMENT mixture in a 10 kg Kraft bag.

### Definition:

NEOFLOOR PURCOAT HP300; It is a polyurethane resin-based, three-component, solvent-free, colored concrete coating material with excellent resistance to aggressive chemicals, developed for single layer - thick layer industrial floor applications.

It is an ideal long-lasting and durable coating material that can be used in the food, pharmaceutical and production industries, providing generally protective flat finish surfaces.

### Areas of Application:

- Pharmaceutical and food production and processing areas, industrial kitchens,
- In chicken production farms, slaughter rooms and slaughterhouses,
- In cold storages,
- In all wet processing areas,
- In textile, ready-made clothing, cosmetics, electrical parts production areas, warehouses,
- In other industrial production facilities,
- In chemical manufacturing plants.

### Advantages:

- High impact, load and thermal shock resistant,
- Wide range of chemical resistance,
- Easy to clean healthy surface,
- Decorative surfaces with mosaic appearance in different colors from plain colors,
- 4 – 9 mm at a time. the possibility of applying in thickness between
- Odorless in application,
- Easy to maintain,
- Adhesion strength is higher than the tensile strength of concrete. Failure first occurs through concrete.
- Similar coefficient of thermal expansion as concrete allows it to move with the surface in the normal thermal cycle. It maintains its physical properties and performance in a wide temperature range from -40 °C to +120 °C.



## NEOFLOOR PUR BINDER 1K



### Defination;

It is a one-component, solvent-free, modified polyurethane resin-based binder that cures with moisture in the air. It is used to bond recycled rubber SBR granules and EPDM granules used in casting applications.

### Areas of Application;

- In industrial rubber coatings,
- On rubber floor pouring floors,
- In the production of rubber tiles,
- Playground floors,
- On sports field floors.

### Advantages;

- Solvent free,
- Very little odor
- Flexible structure,
- Ecological (recycles used old rubbers)
- Fast curing in humid and hot weather,
- Water resistance,
- Excellent bonding when mixed with suitable rubber.

### Packing Information

NEOFLOOR PUR BINDER 1K; in can bucket: 25 kg and 200 kg metal drum



  
Neopol  
Kimya

“We Make the Best Coatings”

## NEOFLOOR ACR COURT



### **Defination:**

It is a high quality pure coating with 100% acrylic latex binder, with a fine texture appearance, which can be produced in special colors upon request.

### **Areas of Application:**

- On tennis court floors,
- In outdoor basketball courts,
- It is used as the finishing product of the running tracks created with rubber systems.

### **Advantages:**

- Easy to apply.
- There is no fire hazard due to its solvent-free nature.
- Application with rubber squeege apparatus or roller creates a very smooth, hard and tear resistant coating by providing homogeneous distribution down to the smallest points of the floor.

### **Packing information**

NEOFLOOR ACR COURT; in can bucket: 60 kg plastic barrel

## NEOFLOOR ACR-Q COURT



### **Defination:**

It is an acrylic resin based, high quality coating with special granule metric fine 40-60 micron quartz filled, 100% acrylic latex binder in order to control the speed of play, with a fine textured appearance, which can be produced in special colors upon request.

### **Areas of Application:**

- On tennis court floors,
- In outdoor basketball courts,
- It is used as the finishing product of the running tracks created with rubber systems.

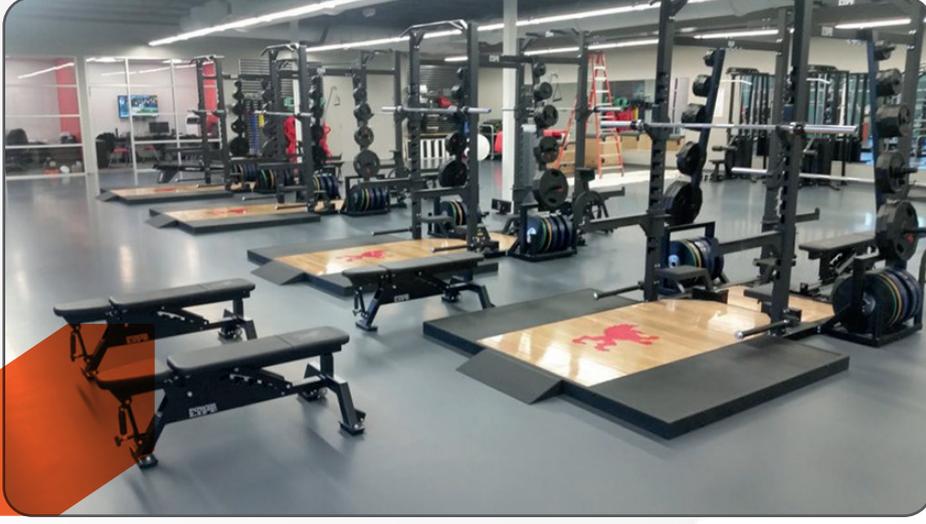
### **Advantages:**

- Easy to apply.
- There is no fire hazard due to its solvent-free nature.
- Application with rubber squeege apparatus or roller creates a very smooth, hard and tear resistant coating by providing homogeneous distribution down to the smallest points of the floor.

### **Packing Information**

NEOFLOOR ACR-Q COURT; in can bucket: 60 kg plastic barrel

## NEOFLOOR PUR 605FLR FLEX



### Defination;

It is a polyurethane resin-based, two-component, solvent-free, self-leveling, colored intermediate layer floor covering material used as a multi-layer or thin layer flexible floor covering.

### Areas of Application;

- As a 1-3 mm self-leveling coating in sports fields, In places such as exhibition and fair halls, offices, which are exposed to light traffic,
- It is used as a flexible intermediate layer that protects floor covering enclosures in hospitals, polyclinics, laboratories, playgrounds, nurseries, poultry farms, industrial kitchens, where hygienic environments and permanence are important (floor that does not give physical strength).

### Advantages;

- Creates a monolithic floor that does not require joints,
- Flexible and does not cause physical fatigue.
- Resistant to high pressure and abrasion.
- It can be applied easily, spreads well, gives a smooth and smooth surface, and the coat-on-coat time is long.

### Packing information

19,5 kg set NEOFLOOR PUR 605FLR FLEX;  
Component A: 16 KG metal packaging  
Component B: 3,50 KG metal packaging

## NEOFLOOR PUR PORE FILLER



### Tanım;

Poliüretan reçine esaslı, iki bileşenli, yüksek hacim katlı, esnek, solventsiz dolgu macunudur.

### Kullanım Yeri;

- Kauçuk granüllerin yerinde döküm uygulaması ile veya granüllerin şilte haline getirildikten sonra zemine serilmesi ile oluşturulan spor zeminlerin,
- Geçirimsizliğini sağlamada,
  - Gözeneklerini ve boşluklarını doldurmada,
  - Kauçuk şilte zeminini poliüretan – self levelling kaplama için uygun hale getirmede kullanılır.

### Avantajları;

- Solvent içermez,
- Esnektir,
- Tikotropik yapıda olup uygulaması kolaydır.

### Ambalaj Bilgileri

16 kg' lık bir takım NEOFLOOR PUR PORE FILLER ;  
A bileşeni: 14 KG  
B bileşeni: 2 KG dan oluşmaktadır.

## NEOTOP PU 630TC SPORT MATT



### Defination;

It is a polyurethane resin-based, two-component, flexible, colored floor coating material used as a smooth, matt-looking topcoat of sports flooring systems.

### Areas of Application;

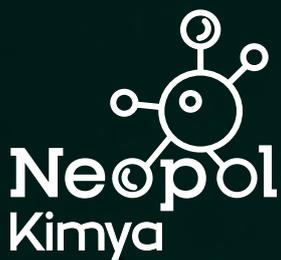
- It is used as a top coat paint on indoor/outdoor sports floors.
- It is used as the final coat paint of all indoor and outdoor floor coating systems where a matte and non-slip surface is desired.

### Advantages;

- Suitable for application with airless spray paint application machines,
- Resistant to diesel, gasoline and many chemicals,
- High abrasion resistance,
- Matt and non-slip surface.

### Packing Information

15 kg set NEOTOP PUR 2K TC SPORT MATT;  
Component A: 12 KG metal packaging  
Component B: 3 KG metal packaging



Neopol  
Kimya

**“We Make the Best Coatings”**

## NEOTOP PU 600TC



### Defination;

It is an aliphatic polyurethane resin-based, two-component, high-volume solid, high-UV resistant, colored floor coating material used as a smooth, glossy-looking topcoat for paint systems designed as multi-layer or thin coating.

### Areas of Application;

- On concrete, cement or epoxy mortars, on all industrial floors
- In Pools, Ponds
- In warehouses, hangars and repair maintenance assembly units where forklift, loader and heavy vehicle traffic are experienced,
- Multi-layer flooring systems applied in open air areas of factories and workshops,
- On outdoor insulation products,
- Floor covering designed for medium to heavy-duty floors It is used as a decorative, abrasion and UV resistant top coat paint for systems.

### Packing Information

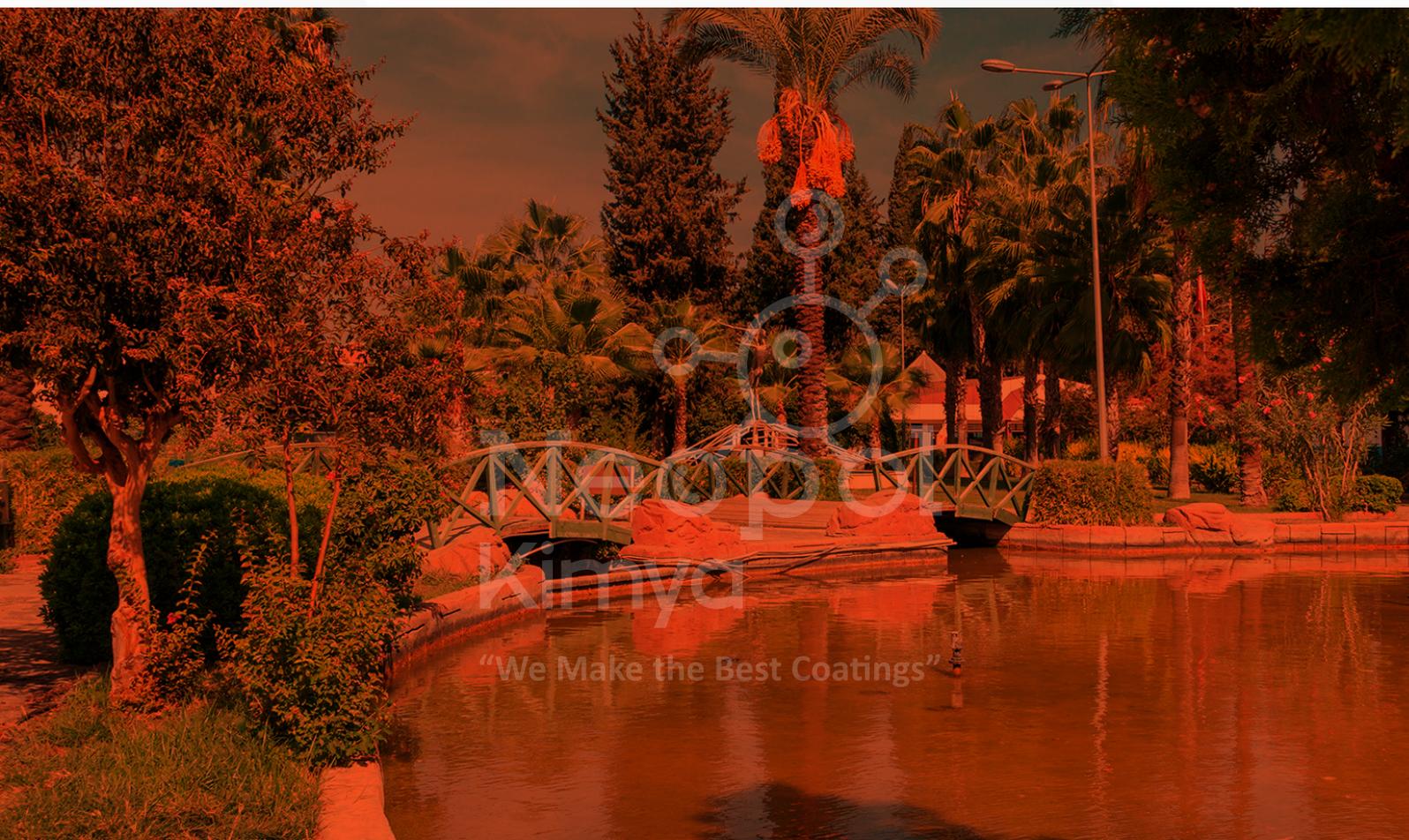
10 kg set NEOTOP PU 600TC;

Component A: 7.50 KG metal packaging

Component B: 2.50 KG metal packaging

### Advantages;

- Resistant to diesel, gasoline and many light chemicals,
- High abrasion resistance,
- Flexible structure,
- High UV resistant



## NEOTOP PU 625TC



### Defination:

It is a polyurethane resin based, two component, flexible floor paint. It is UV resistant, designed for outdoor use. It is used as a smooth, glossy top coat of paint systems designed as multi-layer or thin coating. It has high abrasion and chemical resistance.

### Areas of Application:

- As the final coat paint of outdoor flooring systems,
- It is used as exterior marking, road marking paint, and as a topcoat paint for insulation systems used in balconies, roofs, terraces and open car parks.

### Advantages:

- It is UV resistant with its aliphatic structure. Easy to apply.
- Suitable for application with airless spray paint application machines.
- Resistant to diesel, gasoline and many chemicals. It has high wear resistance.
- It is flexible.
- Provides an easy-to-clean, smooth surface and glossy surface that helps to create a hygienic environment.

### Packaging Information

20 kg set of NEOTOP PU 625TC;  
Component A: 16KG metal bucket packing  
Component B: 4KG metal packaging

## NEOTOP PU 640TC



### Definition:

It is a single component, polyurethane based, high UV resistant top coat protective coating material. Cures with moisture in the air. It forms a highly elastic and durable film by adhering perfectly to different surfaces. It shows excellent mechanical and chemical properties, provides high tensile, tear and abrasion resistance. The product contains completely pure elastomeric hydrophobic polyurethane resin and special inorganic additives.

### Areas of Application:

- On Concrete Roofs,
- On verandas and balconies,
- On light roofs made of metal and fibrous materials,
- On bridge platforms,
- On NEOPUR PU 360LV and similar aromatic membranes,
- In the protection of polyurethane foam insulation,
- It is used as a protective topcoat on the parking lot.

### Advantages:

- Resistant to UV rays.
  - When applied, it creates a one-piece cover that does not allow any joint points or the possibility of leakage.
  - Since it is a pure polyurethane, it can come into contact with water continuously.
  - It maintains its mechanical properties at temperatures between 30°C and +80°C.
- It provides permeability against water vapor.
- It adheres completely to the surface without the need for any additional bonding process.

### Packaging Information

20 kg metal bucket packaging

## NEOTOP PU PROTECTOR HG



### **Definition:**

It is a polyurethane resin based, two component, low viscosity, high UV resistant, transparent coating material.

### **Areas of Application:**

- On epoxy or polyurethane floor coverings,
- On PVC, ceramic, marble floor coverings,
- Exterior decorative stone flooring, etc. on coatings,
- On floors and vertical floors of hygienic environments such as hospitals, laboratories, food businesses,
- It is used as an easy to clean, chemical and abrasion resistant protective top coat varnish.

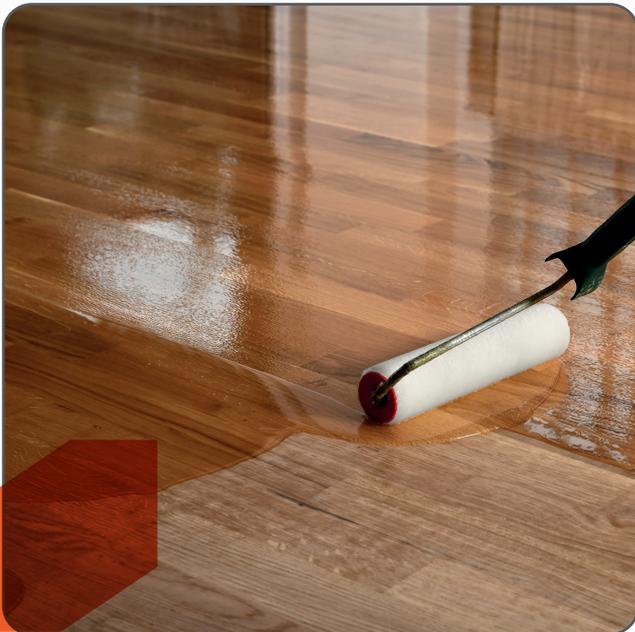
### **Advantages:**

- Low viscosity,
- Flexible,
- High adhesion ability,
- High UV resistance,
- Good chemical resistance,
- High abrasion resistance,

### **Packaging Information**

NEOTOP PU PROTECTOR HG: a set of 11.50 kg;  
Component A: 10KG metal bucket packing  
Component B: consists of 1.50 KG metal box packaging

## NEOTOP PU PROTECTOR MATT



### **Definition:**

It is a polyurethane resin based, two component, low viscosity, high UV resistant, transparent matte coating material.

### **Areas of Application:**

- On epoxy or polyurethane floor coverings,
- On PVC, ceramic, marble floor coverings,
- Exterior decorative stone flooring, etc. on coatings,
- On floors and vertical floors of hygienic environments such as hospitals, laboratories, food businesses,
- It is used as an easy to clean, chemical and abrasion resistant protective top coat varnish.

### **Advantages:**

- Low viscosity,
- Flexible,
- High adhesion ability,
- High UV resistance,
- Good chemical resistance,
- High abrasion resistance,

### **Packaging Information**

NEOTOP PU PROTECTOR MATT: a set of 11.50 kg;  
Component A: 10.00KG metal bucket packaging  
Component B: It consists of 1.50 KG metal box packaging.



# Neopol Kimya

“We Make the Best Coatings”



## NEOCEMENT 900



### Packaging Information

NEOCEMENT 900; Net in Kraft Bags: 25 kg

### Definition:

Cement-based, polymer modified, high performance, high strength, resistant to sudden temperature changes, fine-grained surface repair mortar.

### Areas of Application:

- In correction repairs,
- In the repair of the surfaces of concrete construction elements,
- In filling the rod holes,
- In the creation of corner chamfers,
- In ground preparation before waterproofing,
- In the repair and maintenance of marine structures,
- In the assembly of prefabricated concrete structural elements,
- Special coatings with light and medium heavy traffic loads are used for future flooring and surface repairs.

### Advantages:

- Easy and fast to prepare.
- It has high adherence.
- It can be used in structural repair.
- Does not shrinking.
- It provides high resistance to freeze-thaw cycle.
- It does not sag on vertical surfaces.
- Does not shrink and shrinkage crack.
- It gives the desired performance in one coat.

## NEOCEMENT 612



### Definition:

Cement-based, polymer modified, high performance, high strength, resistant to sudden temperature changes, thick-grained surface repair mortar.

### Areas of Application:

- In correction repairs,
- In the repair of the surfaces of concrete construction elements,
- In filling the rod holes,
- In the creation of corner chamfers,
- In ground preparation before waterproofing,
- In the repair and maintenance of marine structures,
- In the assembly of prefabricated concrete structural elements,
- Special coatings with light and medium heavy traffic loads are used for future flooring and surface repairs.

### Advantages:

- Easy and fast to prepare.
- It has high adherence.
- It can be used in structural repair.
- Does not shrinking,
- Provides high resistance to freeze-thaw cycle.
- It does not sag on vertical surfaces.
- Does not shrink and shrinkage crack.
- It gives the desired performance in one coat.
- It has high chlorine and sulfate resistance.

### Packaging Information

NEOCEMENT 612; Net in Kraft Bags: 25 kg

## NEOPOXY REPAIR



### Packaging Information

NEOPOXY REPAIR: a set of 5,00 kg;  
Component A: 3,75 KG metal bucket  
Component B: 1,25 KG metal bucket

### Definition:

NEOPOXY REPAIR is a two-component, solvent-free, thixotropic, paste-like, high-strength adhesive, anchorage assembly and filling mortar.

### Areas of Application:

- In fixing injection packers,
- In dowel bar on concrete and stone walls,
- In stud anchorage,
- In bonding materials of different nature,
- In assembly and bonding of metal and steel parts to concrete elements,
- In concrete repair,
- In fixing bridge and viaduct guardrails,
- In anchoring bolts and pins,
- It is used for bonding dilatation and chamfer tapes.

### Advantages:

- It has high mechanical strength.
- Wear resistance is high.
- It has a paste-like consistency and is easy to apply.
- Provides early strength.
- Hardens without shrinkage
- Never sagging,
- Excellent adhesion to concrete and steel.
- Resistant to chemicals.



## NEOFLEX SEALANT BT2K



### Advantages;

- Adheres perfectly to almost any type of surface,
- It has excellent diffusion, tool shaping capability and stability to preserve its structure in different climatic conditions and over a wide temperature range.
- Chemical resistance is excellent.
- Suitable for water tanks treated with chemicals,
- It adapts to joint movement by 50%.
- It is resistant to microorganisms and fungi.
- It is resistant to cold, maintains its elasticity up to -40°C,
- Paint can be applied on it,
- It is resistant to jet fuel, oil and various chemical solutions.

### Definition;

NEOFLEX SEALANT BT2K is a two component, bitumen polyurethane based joint filler. Cures by moisture in the air and chemical reaction. It forms a highly elastic and durable structure by adhering perfectly to different surfaces. It shows excellent mechanical and chemical properties; It provides high tensile, tear and abrasion resistance. It is resistant to heavy traffic and surface movements. It is not affected by sea water, jet fuels, hydraulic materials and oils.

### Areas of Application;

- Airport runways, aprons and hangars,
- Oil and fuel resistant applications,
- On highways, bridges and viaducts,
- Roads and concrete areas of petrochemical and other industrial areas,
- In laying of train tracks,
- Filling horizontal joints,
- In filling the horizontal joints between the building elements,
- On industrial floors,
- Indoor and outdoor spaces open to pedestrian and vehicle traffic,
- Above ground fuel tanks and loading ramps, floor and joint joints,
- In the joint joints of bituminous coatings and concrete elements,
- It is used in cracks in asphalt and concrete roads.

### Packaging Information

NEOFLEX SEALANT BT2K: a set of 12,00 kg;  
Component A: 10,00 KG metal bucket  
Component B: 2,00 KG metal bucket

## NEOFLEX SEALANT PU2K



### Packaging Information

NEOFLEX SEALANT PU2K: a set of 12,00 kg;  
Component A: 8,00 KG metal bucket  
Component B: 4,00 KG metal bucket

### Definition;

NEOFLEX SEALANT PU2K is a self-leveling polyurethane based sealant suitable for horizontal applications. Cures by moisture in the air and chemical reaction. It forms a highly elastic and durable structure by adhering perfectly to different surfaces. It shows excellent mechanical and chemical properties; It provides high tensile, tear and abrasion resistance. It is resistant to heavy traffic and surface movements.

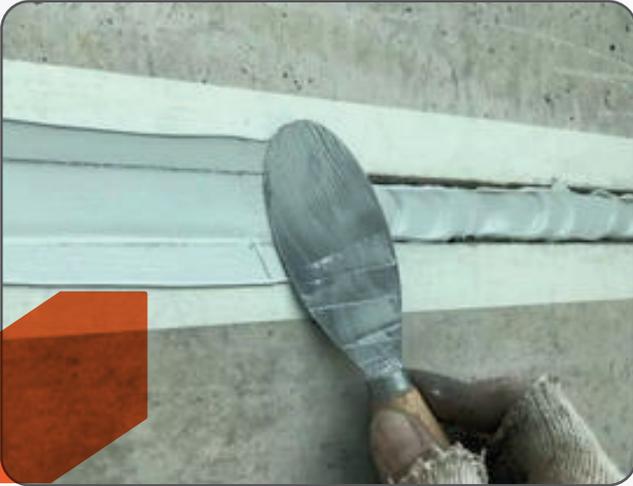
### Areas of Application;

- On highways, bridges and viaducts,
- Roads and concrete areas of industrial areas,
- In filling horizontal joints,
- In filling the horizontal joints between the building elements,
- On industrial floors,
- It is used in floor and joint joints in indoor and outdoor spaces open to pedestrian and vehicle traffic.

### Advantages;

- Adheres perfectly to almost any type of surface,
- It has excellent diffusion, tool shaping capability and stability to preserve its structure in different climatic conditions and over a wide temperature range.
- It adapts to joint movement by 50%.
- Resistant to microorganisms and fungi.
- Resistant to cold, maintains its elasticity up to -40°C,

## NEOFLEX SEALANT PU 25



### Packaging Information

600 ml Sausage (20 pcs/box)

### Definition:

NEOFLEX SEALANT PU 25 is a single component, polyurethane based, joint filling material. Cures with moisture in the air. It forms a highly elastic and durable structure by adhering perfectly to different surfaces. It shows excellent mechanical and chemical properties; It provides high tensile, tear and abrasion resistance. The product contains completely pure elastomeric, hydrophobic polyurethane resin and special inorganic additives. It is easy to apply as it is a single component material.

### Areas of Application:

- Filling horizontal and vertical joints,
- Filling the horizontal and vertical joints between the building elements,
- On industrial floors,
- It is used indoors and outdoors for pedestrian and vehicle traffic.

### Advantages:

- Adheres perfectly to almost any type of surface.
- Excellent diffusion, tool shaping capability and stability to preserve its structure in different climatic conditions and over a wide temperature range.
- Chemical resistance is excellent.
- It is suitable for the insulation of water tanks and swimming pools treated with chemicals.
- Adapts to joint movement by 50%.
- Resistant to microorganisms and fungi.
- Underwater immersion / immersion application can be made.
- Its heat resistance is excellent, allowing application even at temperatures reaching >60°C.
- Resistant to cold, maintains its elasticity up to -40°C,
- Paint can be applied on,

## NEOFLEX SEALANT PU 35



### Packaging Information

600 ml Sausage (20 pcs/box)

### Definition:

NEOFLEX SEALANT PU 35 is a single component structure, polyurethane based, joint filling material. Cures with moisture in the air. It forms a highly elastic and durable structure by adhering perfectly to different fabrics. It shows excellent mechanical and chemical properties; It provides high tensile, tear and aging resistance. The product contains completely pure elastomeric, hydrophobic polyurethane structure and special inorganic additives. It is easy to apply as it is a single component material.

### Areas of Application:

- Filling horizontal and vertical joints,
- Filling the horizontal and vertical joints between the building elements,
- On industrial floors,
- It is used indoors and outdoors for pedestrian and vehicle traffic.

### Advantages:

- Adheres perfectly to almost any type of surface.
- Excellent diffusion, tool shaping capability and stability to preserve its structure in different climatic conditions and over a wide temperature range.
- Chemical resistance is excellent.
- It is suitable for the insulation of water tanks and swimming pools treated with chemicals.
- Adapts to joint movement by 50%.
- Resistant to microorganisms and fungi. Underwater immersion / immersion application can be made.
- Its heat resistance is excellent, allowing application even at temperatures reaching >60°C.
- Resistant to cold, maintains its elasticity up to -40°C,
- Paint can be applied on,

## NEOINJECT PUR 1K FLEX



### Packaging Information

NEOINJECT PUR 1K FLEX: a set of 21,00 kg;  
NEOINJECT PUR 1K FLEX RESIN: 20,00 KG metal bucket  
NEOINJECT PUR 1K FLEX CAT. :1,00 KG metal bucket

### Definition:

NEOINJECT PUR 1K FLEX is a flexible polyurethane resin based, single component, hydrophobic injection resin developed to stop water leaking from cracks or pores on concrete surfaces, and to fill/fix cracks and loose formations. It forms a hydrophobic foam with high flexibility and ultra-elasticity by reacting with the water used with the addition of a closed-cell catalyst that does not contain CFCs and solvents. It has low viscosity, it effectively stops water leaks or leaks by penetrating quickly and deeply into concrete cracks. It is applied with a single component injection pump.

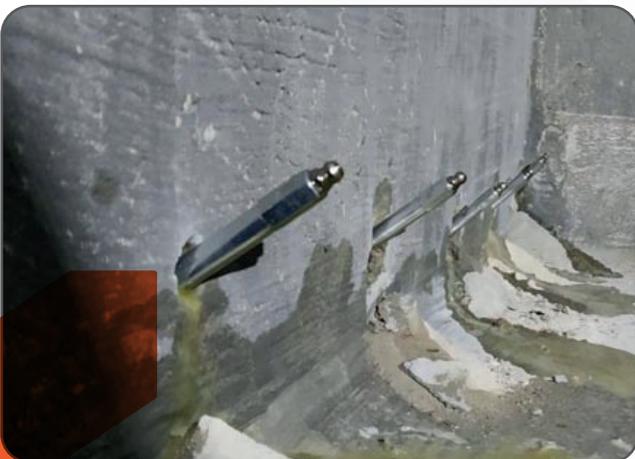
### Areas of Application:

- Fundamentals,
- Underground structures such as garages,
- Tunnels and underground passages,
- Waste water and sewage systems,
- Water tanks and tanks,
- Concrete curtains,
- Waterways and dams,
- Fractured rock stabilization,
- It is used to stop the water coming from the negative direction.

### Advantages:

- Adherence to wet surfaces is excellent.
- It is applied with the help of a single component pump.
- Reacts with water to form foam.
- The expansion factor is high.
- Economical.
- NEOINJECT PUR 1K FLEX CAT. With the addition of catalyst (accelerator), foam formation time can be shortened.

## NEOINJECT PUR 1K RH



### Advantages:

- Adherence to wet surfaces is excellent.
- It is applied with the help of a single component pump.
- It reacts with water to form foam.
- The expansion factor is high.
- Economical.

### Definition:

NEOINJECT PUR 1K RH, polyurethane resin based, single component, to stop water leaking from cracks or pores on concrete surfaces, in coastal and offshore construction works; CFC and solvent free, hydrophobic injection resin developed for filling/fixing cracks and loose formations, used with the addition of catalyst, used for floor consolidation, hardening, waterproofing applications. It is applied with a single component injection pump.

### Areas of Application:

- Fundamentals,
- Underground structures such as garages,
- Tunnels and underground passages,
- Waste water and sewage systems,
- Water tanks and tanks,
- Concrete curtains,
- Waterways and dams,
- Fractured rock stabilization,
- It is used to stop the water coming from the negative direction.

### Packaging Information

NEOINJECT PUR 1K RH: a set of 21,00 kg;  
NEOINJECT PUR 1K RH RESIN: 20,00 KG metal bucket  
NEOINJECT PUR 1K RH CAT. :1,00 KG metal bucket

## NEOINJECT PUR 1K CRACK



### Packaging Information

NEOINJECT PUR 1K CRACK: a set of 21,00 kg;  
NEOINJECT PUR 1K CRACK RESIN: 20,00 KG metal bucket  
NEOINJECT PUR 1K CRACK CAT. :1,00 KG metal bucket

### Definition;

NEOINJECT PUR 1K CRACK is a single component hard polyurethane resin that does not contain FCKW and solvents. It has a very low viscosity, it is an ideal injection product especially for curtain concrete. It is applied with a single component injection pump.

### Areas of Application;

- Fundamentals,
- Underground structures such as garages,
- Tunnels and underground passages,
- Waste water and sewage systems,
- Water tanks and tanks,
- Concrete curtains,
- Waterways and dams,
- Fractured rock stabilization,
- It is used to stop the water coming from the negative direction.

### Advantages;

- Adherence to wet surfaces is excellent.
- It is applied with the help of a single component pump.
- It reacts with water to form foam.
- The expansion factor is high.
- Economical.

## NEOINJECT PUR 2K WS



### Packaging Information

NEOINJECT PUR 2K WS: a set of 46,00 kg;  
Component A: 21,00 KG metal bucket  
Component B: 25,00 KG metal bucket

### Definition;

NEOINJECT PUR 2K WS is a two-component polyurethane injection resin that reacts instantly when it encounters water. It does not contain FCKW and halogens, it is used for sealing and compaction in water-permeable areas, water-leaking layers, especially against pressurized/pressurized water.

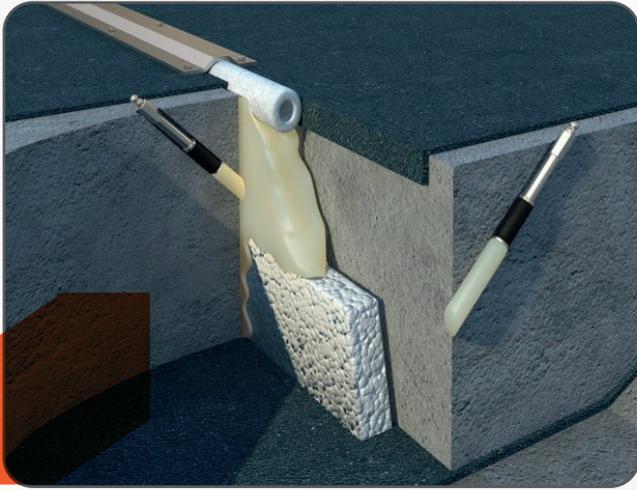
### Areas of Application;

- In ground consolidation on wet or water-bearing rocks,
- Insulation works of water coming from the floor or walls
- In the repair of tunnels, channels and wall structures,
- In the prevention and stabilization of water leaks in tunnels,
- In the repair of old shafts and tunnels,
- It is used in a variety of special applications.

### Advantages;

- Its adherence to wet surfaces is excellent.
- It is applied with the help of a two-component pump.
- It creates controlled foam by reacting with water.
- Does not contain solvent.

## NEOINJECT PUR 2K CS



### Packaging Information

NEOINJECT PUR 2K CS: a set of 43,00 kg;  
Component A: 20,00 KG metal bucket  
Component B: 23,00 KG metal bucket

### Definition;

NEOINJECT PUR 2K CS is a slow-reacting, highly flexible two-component polyurethane resin used for joint, dilatation, filling of cracks and gaps in reinforced concrete brick or natural stone buildings and other construction structures, sealing, flexible bonding and bonding. It is the only product that can be applied both negatively and positively in areas such as dilatation.

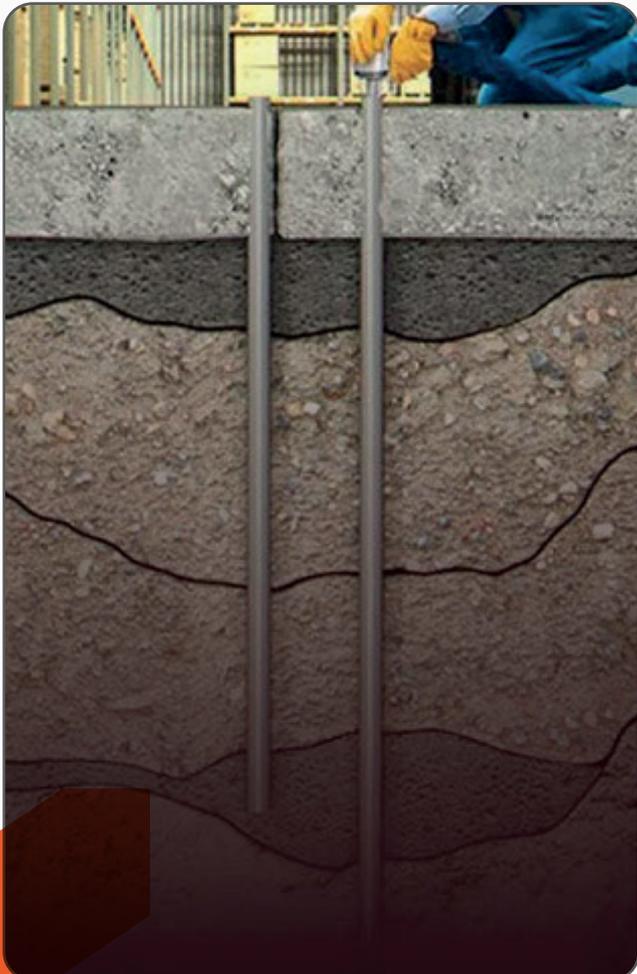
### Areas of Application;

- Filling cracks and dilatation gaps in reinforced concrete structures,
- Insulation works of water coming from the floor or walls
- In the repair of tunnels, channels and wall structures,
- Injections for permanent waterproofing in historical buildings,
- In hose systems embedded in concrete structures (cold joints and dilatations, etc.),
- It is used in a variety of special applications.

### Advantages;

- Its adherence to wet surfaces is excellent.
- It is applied with the help of a two-component pump.
- It creates controlled foam by reacting with water.
- Does not contain solvent.

## NEOINJECT PUR 2K WL



### Definition;

NEOINJECT PUR 2K WL is a two-component polyurethane injection resin that reacts at medium speed when it encounters water. It does not contain FCKW and halogens, it is used for sealing and compaction in water-permeable areas, water-leaking layers, especially against pressurized/pressurized water.

### Areas of Application;

- Filling cracks and dilatation gaps in reinforced concrete structures,
- Insulation works of water coming from the floor or walls
- In the repair of tunnels, channels and wall structures,
- Injections for permanent waterproofing in historical buildings,
- In hose systems embedded in concrete structures (cold joints and dilatations, etc.),
- It is used in a variety of special applications.

### Advantages;

- Its adherence to wet surfaces is excellent.
- It is applied with the help of a two-component pump.
- It creates controlled foam by reacting with water.
- Does not contain solvent.

### Packaging Information

NEOINJECT PUR 2K WL: a set of 46,00 kg;  
Component A: 21,00 KG metal bucket  
Component B: 25,00 KG metal bucket

## NEOBOND PUR ADHESIVE 2K



### Packaging Information

NEOBOND PUR ADHESIVE 2K: a set of 46,00 kg;  
Component A: 9,00 KG metal bucket  
Component B: 1,00 KG metal bucket

### Definition:

It is a polyurethane resin-based, two-component, polyurethane adhesive with high bonding strength.

### Areas of Application:

- In artificial turf application and bonding,
- In industrial rubber coatings,
- In insulation coatings,
- Bonding of natural stone, ceramic, granite, marble and decorative bricks,
- In the bonding of PVC floor tile coatings,
- In bonding chipboard, chipboard, styrofoam, polystyrene board, acoustic sound insulation,
- Bonding concrete, glass asphalt, metal, wood, plastic, felt, cork and different products,
- Indoor and outdoor, in ship-boat construction.

### Advantages:

- Solvent free,
- Rigid – flexible structure,
- High bonding strength,
- Resistance to water, humidity, heat,
- Excellent adhesion to different surfaces,

## NEOBOND PUR ADHESIVE 1K



### Definition:

NEOBOND PUR ADHESIVE 2K; single component, polyurethane-based, solvent-free multi-purpose adhesive. It is an adhesive that curing with moisture in the air. It does not break as it has excellent flexibility. It does not stop by any deformation between -20°C and +100°C temperatures. It has a structure developed for damp and damp surfaces and at the same time forms a waterproofing film. It is a chemical resistant material. It is an easy to use, odorless, strong and elastic adhesive.

### Areas of Application:

- Wooden parquet, laminate, MDF, chipboard-lam
- On synthetic grass/carpet floors,
- On SBR rubber-based floors,
- Natural stone, ceramic, granite marble
- Aluminum, steel etc. Metals
- P.V.C , linoleum, rubber-based carpets
- Rigid foam such as polyurethane or expanded polystyrene
- Plaster or cement boards
- High density stone or glass wool

### Advantages:

- Provides drying even in rainy weather conditions after application
- It is elastic,
- It can also be used on floors with underfloor heating,
- It can be applied on damp and wet concrete floors.
- High temperature resistant
- It is easy and convenient to use.
- In order to accelerate the drying time or to provide fast drying in environments with low humidity, the adhesive can be applied by spraying water on it after it is applied to the floor.

### Packaging Information

NEOBOND PUR ADHESIVE 1K: a set of 15 kg metal bucket

## Surface Preparation

### **IMPORTANCE OF SURFACE PREPARATION AND KNOW-HOW IN APPLICATION**

In the waterproofing and surface coating applications, due care should be paid to the points to be considered and surface preparation when using the products. In the applications; it should be ensured that workmanship is meticulously provided, know-how of the products to be used is fully understood, and if necessary, a pilot test is performed. The longest period of time should be allocated to this stage. It cannot be possible for the material to be applied on a poor surface preparation with lack of full competence of the product information to provide the desired performance. In this regard, the necessary actions to be taken for the application surfaces in our projects, are separated into two main groups;

- 1. The points to take into consideration for the product,**
- 2. Surface preparation,**

### **THE POINTS TO TAKE INTO CONSIDERATION FOR THE PRODUCT:**

- 1. Application should not be carried out in extremely hot, rainy or windy weather or if the ambient and surface temperatures are below +5°C or above 35°C.
- Ensure that the ambient and surface temperatures are increased by using heaters for applications in extremely cold weather, and the packages should be made ready for use by conditioning at 23°C ± 3°C in order to increase the workability level of the material.
- The epoxy / polyurethane / polyurea should be stirred by using a 300 - 400 rev/min mechanical mixer.
- Never mix the product by hand.
- Never add any solvent etc. into the mixture without the necessary technical support during the application. Epoxy / polyurethane / polyurea-based floor systems should be applied by experts.
- The operation and reaction periods of the resin-based systems are affected by the ambient and floor temperatures and relative humidity in the air. At low temperatures, the rate of chemical reaction slows down, and accordingly it extends the useful life, coating period and operation period. Also, due to low temperature, its viscosity increases and consumption increases during the application. High temperatures extend the chemical reaction period, and the other issues given above get shorter. Ensure that the ambient and floor temperatures are not below the allowable minimum temperature in order to make the material fully-cured. The surface should not come into direct contact with water for at least 24 hours after the coating process is completed, such a contact will lead carbonation and softening on the coating, and cause the loss of the characteristics of the coating. In case of such condition, the coating should be fully removed from the floor to be renewed.
- Ensure that the concrete surfaces have developed 28-day resistance, and the min. pressure resistance is 25MPa and moisture is 5% minimum.
- For the light concrete and fragile porous surfaces, ensure that the undercoating is applied in 2 coats.
- Never perform any application (other than the non-qualified products) on the wet and humid surfaces of the resin-based products.
- Wash the floor with water during the surface preparation.
- The curing period should be observed by acting upon the characteristics of the used undercoating. If the period for the second coating has expired, the undercoating should be sanded and an indentation should be created on the surface by exercising the due mechanical force for adherence.

### **2. SURFACE PREPARATION :**

#### **WHAT ARE THE SURFACE PREPARATIONS?**

1. Break, hole, collapse and crack repairing,
2. Corner and sharp curve (bevelling) rounding,
3. Eyelet forming on concrete and repairing,
4. Non-structural layer removing, dusting surface strengthening, segregated (concrete - aggregate segregation) surface repairing,
5. Shiny surface roughening,
6. Tie rod hole filling,
7. Removing of anti-adhesive layers such as molding oil, grease, paint, rust, salt efflorescence,
8. Designation of moisture content in concrete,
9. Undercoat selection and its significance.

## **1. BREAK, HOLE, COLLAPSE AND CRACK REPAIRING**

First of all, the surface should be cleared of defects such as break, hole, collapse, if any, before the application of waterproofing material. First, the type of such crack should be determined, and then repaired.

The cracks are separated into two groups by types;

Non-structural Cracks

Structural Cracks

Non-Structural Cracks;

These are superficial cracks called as plaster cracking. These types of cracks are generally static (inactive) cracks and they have an irregular appearance

The causes of nonstructural cracks are classified as follow;

- Plastic cracks

Plastic wet shrinkage cracks

Plastic settlement cracks

Heat stress cracks

Drying shrinkage cracks

Structural Cracks;

These are cracks on structural reinforced concrete. Such cracks are separated into two groups,

Static, also known as inactive, cracks (fresh concrete cracks);

Settlement cracks

Plastic wet shrinkage cracks

Limited wet shrinkage cracks

Dynamic, also known as active, cracks;

The causes of structural cracks are classified as follow;

- Defects in project design
- Design change
- Overload misused
- Misuse of construction materials
- Fast and hasty construction methods

lead to structural cracks, which occur as inclined cracks near the structural supports of bearings due to shearing forces, and as vertically inclined cracks at sections with high bending moment.

For the repair of these two cracks, they should be opened up in the shape of V by breaking in 3-6 mm range by mechanical methods, and it should be filled by using NEOFLEX SEALANT PU25, NEOFLEX SEALANT PU2K, NEOFLEX SEALANT BT2K, NEOPOXY REPAIR

Also, the cracks are grouped according to their method of repair as follow;

Cracks repairable by using repair mortar;

Superficial structural and nonstructural cracks are repaired by using various mineral and resin- based products. Cold joints and inactive cracks can be repaired by opening up in the shape of U in 3-6 mm range and using NEOPOXY REPAIR.

Cracks repairable by injection;

The process of injecting material from crack gap by using a motor pump by the help of steel dowel end (injection packers) by using various mineral and resin-based products for repair of deep cracks is called as injection, and the cracks which are repaired by using this method are called as cracks repairable by injection. For the cracks repairable by injection, you can repair them by using NEOINJECT PUR 1K RH or NEOINJECT PUR 2K WS.

## **2. CORNER AND SHARP CURVE (BEVELLING) ROUNDING**

The corners on the points of junction of floor – wall, wall – wall and wall – floor should be rounded by breaking or cutting the sharp corners first and then beveled by using NEOFLEX SEALANT PU25 or NEOPROOF TPE ESASLI BEVEL BAND.

## **3. EYELET FORMING ON CONCRETE AND REPAIRING**

The eyelet is the hole formed due to the air trapped inside the mold. These air voids should not be confused with the segregations depending on the factors such as the greatness of maximum aggregate diameter, the frequency of reinforcement, the non-use of vibrators etc. There is a rate of air void allowed in the ready-mixed concrete. This differs by the technical specifications, it does not pose any risk statistically, but the eyelets come up with negative effects during the waterproofing or floor coating process. During surface preparation stage, the necessary repair procedures must be carried out on the eyelets after wiping. The surface with eyelets should be corrected by adding 0.1 - 0.3 silica quartz sand into NEOPOXY REPAIR, NEOPRIMER EP 300SF or NEOPRIMER EP 110SF in the rate of 1:5 by using a flat steel trowel during the repair process.

#### **4. NONSTRUCTURAL LAYER REMOVING, DUSTING SURFACE STRENGTHENING, SEGREGATED (CONCRETE - AGGREGATE SEGREGATION) SURFACE REPAIRING**

Non-structural layers, lime stuff, oil absorbing cement floor etc. on mineral-based surfaces should be fully removed before the application. These layers can be removed from the surface by

- Mechanical cracking process,
- High pressure water (water jet),
- Wet or dry blasting,
- Milling,
- Mechanical brushing or
- Shot blasting, grid blasting.

By removing such layers, the waterproofing layer can provide full adherence to application surface. There may be weakness on concrete surface due to insufficiency of concrete quality or negative external factors during concrete manufacturing. Such weakness may cause dusting or loose pieces. Before application, such surfaces should be scratched out to solid structure or strengthened by using proper methods. The surface can be cleared of loose parts by using mechanical methods. Following the process, wait for the dust to settle for a while and then sweep by using an industrial

vacuum cleaner to remove dust from the surface. This method provides both removal of loose parts from surface and elimination of materials such as oil, wax reducing adhesive strength.

If there are segregated (concrete-aggregate segregation) surfaces, they should be repaired before the application of waterproofing layer. Such segregated area should be cleared of loose pieces by mechanical methods and it should be filled by using a repair mortar. The grain-size distribution of material should be considered to prevent segregation from the very beginning and molding conditions should be provided. Otherwise, the segregated concrete both leaks and loses its bearing strength.

#### **5. SHINY SURFACE ROUGHENING**

The shiny or low adhesive surfaces preventing adhesion of materials are roughened by mechanical methods.

The methods to be used for roughening;

- High pressure water (water jet),
- Wet or dry blasting,
- Milling,
- Mechanical brushing or,
- Shot blasting, grid blasting.

#### **6. TIE ROD HOLE FILLING**

These are holes which are used to insert iron bars for fixing of molds during concrete manufacturing process. These holds should be filled before waterproofing process. If there are plastic pieces in the holes, they are also removed. If there are reinforcement bars on surface, their concrete surface should be broken and cut inside to 2 cm at least. Such type of holes and gaps should be filled by using highly adhesive epoxy repair mortar NEOPOXY REPAIR.

#### **7. REMOVING OF ANTI-ADHESIVE LAYERS SUCH AS MOLDING OIL, GREASE, PAINT, RUST, SALT EFFLORESCENCE**

- Degreasing;

The molding oil to prevent adhesion on surface should be cleaned. Various methods are used for it. These methods are as follow;

- Torch burning,
- Surface abrasion by using mechanical methods,
- Pressure water washing with detergent,
- Chemical solvent washing.

Among these cleaning methods, the relevant precautions should be taken against the danger of flame during torch burning and risk of flashing due to overheating of concrete.

- Salt Efflorescence;

When the mineral-based building materials come into contact with water, the available and water-soluble salts rise to the surface. Such salt raised to the surface as a result of water evaporation may cause to salt efflorescence. Such type of salt efflorescence decreases the waterproofing layer's adherence to surface so that it should be fully cleared before the application. This process should be made by using pressure water, wet blasting or special cleaning materials.

- Corrosion (rust) Repair;

The abrasion and degradation of the reinforcement metals due to the electro-chemical reaction with their environment is called as corrosion. Due to corrosion, the concrete on the reinforcement surface cracks and breaks into pieces depending on the ambient conditions. Exposal of the reinforcement leads to further increases the corrosion rate. If the necessary precautions have not been taken and there is corrosion due to various reasons, these parts should be repaired.

- In the repair of corrosion (rusty surface);

the loose parts around rusty surface should be immediately removed. Then, all sides of corroded reinforcement should be scratched and removed, or it should be opened properly for repair. And then, the corrosion on surface is fully removed by scratching. Connect the new reinforcement to this area by stretching (as overlapped). The length of this additional reinforcement is higher than the corroded area, so the area in such length should have been opened. Clean this area by using pressure air. NEOPRIMER EP 110SF is applied on this reinforcement, and then this area should be filled by using a cement-based highly-resistant repair mortar or epoxy-based NEOPOXY REPAIR.

## 8. DESIGNATION OF MOISTURE CONTENT IN CONCRETE

For preventing the damages arising from melting, swelling, freezing, cracking, shrinkage, decomposition, shocking, breaking, inflorescence, color fading in building materials, swelling, suberication in wood building materials and corrosion in metal building materials due to water-moisture exposure, it is important to prefer suitable details and materials conforming to standards, and to have qualified personnel for application. The moisture measurement tests should be performed by the personnel on the concrete application surfaces so as to control the dryness of surface before the application. It should be properly calibrated before using the measuring device according to the type of lower layer. The surface should have minimum 25 N/mm<sup>2</sup> pressure resistance and minimum 1.5 N/mm<sup>2</sup> pull-off test result. The new concrete should be poured at least 28 days ago, and the concrete surfaces should have maximum 4-8% humidity. When the moisture content is high, it should be reduced to the desired level by using a drying device.

The conditions necessary for the application as follow; • Havanın bağıl nemi en çok % 90, uygulama sıcaklığı (çevre ve yüzey) +5°C ile +35°C arasında olmalıdır.

- The relative humidity of the air should be maximum 90%, and the application temperature (environment and surface) should be between +5°C and +35°C.
- There should be no rain 24 hours before the application, during the application and 24 hours after the application.
- Floor temperature should be 3°C higher than the present dewing temperature.

After all these conditions are provided, as the surface preparation processes are almost the same for each type of application, the relevant surface is cleared by shot blasting, grid blasting etc. and then it is cleaned by using an industrial vacuum cleaner to remove dust and begin coating process.

## 9. UNDERCOATING SELECTION AND ITS IMPORTANCE

Almost all types of single or two-component resin-based materials used to support the process of filling holes in the concrete and dust-freeness of surface, have excellent penetration and they are used in the surface preparations for the application of epoxy, polyurethane and polyurea-based coatings so as to provide strength and adhesion of layers. The highly absorptive surfaces such as concrete, cement floor or wood can be undercoated after being filled with NEOPRIMER PUR 50SC in advance as impregnation undercoating.

The most important issue is to prefer proper undercoating according to the structure of application surface. You can check the undercoating selection table below according to the application surfaces.

**ASTAR SEÇİM TABLOSU**

CHARACTERISTICS OF APPLICATION SURFACE	NEOPRIMER EP 120SF	NEOPRIMER EP 110SF	NEOPRIMER EP 300SF	NEOPRIMER EP 100WB	NEOPRIMER PUR 50SC	NEOPRIMER PUR 100SC	NEOPRIMER PUR S20AL
Humidity Rate ≤ 4%		✓			✓		
Humidity Rate 4% - 8%	✓						
Humidity Rate 8% - 12%				✓		✓	
Uneven Concrete Sur- faces with Eyelets			✓				
Metal, Aluminum, Mar- ble, Ceramic, Galvanized Surfaces						✓	✓
Wood	✓					✓	
PVC					✓	✓	✓
Highly Absorptive Sur- faces				✓	✓		
Bitumen Coated Sur- faces						✓	
Glass, Ceramic and Glazed Surfaces							✓

The prepared mixture is applied by saturating the surface and filling the pores by using a roller or airless spray after the proper undercoating is selected. These reaction-cured products reach its full mechanical and chemical resistance in almost 7 days. The other important issue is to consider the mixture life of the two-component undercoatings and prepare it according to the specified mixing rate.

## ASTAR SEÇİMİNİN ÖNEMİ

Some sections from surface defects,



Swelling due to moisture on lower surface



Defect on surface with rough preparation



Adhesion weakness due to late waterproofing on undercoating



Swelling due to sand on undercoating and the gap between sand particles

## Surface Preparation Methods:

The concrete surface preparation should be performed by using one of the methods given in the pictures. Our technical staff would be pleased to help you for different surfaces and preparation processes.



Wiping



Surface Washing



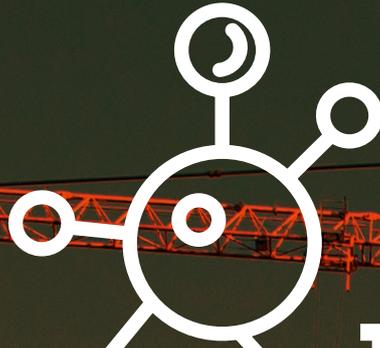
Crack Filling



Milling



Surface Washing



# Neopol Kimya

“We Make the Best Coatings”





**We Make the  
Best Coatings**

**“We Make the Best Coatings”**



Sultan Orhan Mh. 1159/2 Sk. No:2/A Gebze - Kocaeli  
**Telefon:** +90 262 320 07 65  
info@neopolkimya.com.tr

[www.neopolkimya.com.tr](http://www.neopolkimya.com.tr)