



**KarKim**  
CONSTRUCTION CHEMICALS

# PRODUCT CATALOGUE

*Brand of the Firsts, Innovations...*



**3** FACILITIES



**250** PRODUCTS



**160** TONS/H  
PRODUCTION CAPACITY

**KarKim**, which is always in pursuit of innovation and development with its advanced R&D department, is one of the leading companies in the sector with its polycarboxylates, bituminous products, polyurethane and epoxy group.





Combining 50 years of knowledge, experience and project power of **KarGroup** with its professional staff, **KarKim Yapı Kimyasalları** started production in December 2011 in its Gebze / Kocaeli factory.

Our products are produced with the latest technology, in a 2.400 m<sup>2</sup> closed and 5.000 m<sup>2</sup> open stock area, using a fully automatic filling, packaging and palletizing system with a capacity of 50 tons / hour. Our Orhangazi - Bursa facility, whose investment continues, started production in 2014 with a capacity of 80 tons / hour. Our Elazığ factory started production in April 2020 with a fully automatic production facility with a capacity of 35 tons / hour, 13,213 m<sup>2</sup> open area and 3,250 m<sup>2</sup> closed area.

The products we produce include sub-groups of construction chemicals, which are an important sub-branch of the construction industry, such as concrete and mortar additives, cement-based waterproofing, thermal insulation mortars, tile and ceramic adhesives, joint fillers, repair mortars and floor coverings.

In addition, we have a thermal insulation package system offered to the market under the brand of **KarTherm**. As **KarKim**, we support our products that we produce with the latest technology with effective R&D studies, and we aim to contribute to creating comfortable, durable and long-lasting living spaces for them in line with the needs and expectations of the sector and consumers.



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The background of the image shows a person in a white lab coat, likely a scientist or technician, working in a laboratory. The person is positioned on the right side of the frame, leaning forward. The entire image is overlaid with a semi-transparent orange color, which is darker in some areas and lighter in others, creating a textured effect. The text 'CERAMIC APPLICATIONS' is centered in the upper half of the image in a bold, white, sans-serif font.

# CERAMIC APPLICATIONS

## KARSER ECO



It is a cement-based, normally hardening ceramic adhesive mortar with high adhesion strength, designed for bonding tiles, ceramics and similar materials to all kinds of concrete, plaster, cement and cement-based surfaces.

### Product Advantages:

- + Excellent adhesion,
- + Excellent workability,
- + Easy and fast application,
- + Resistance to fast drying.

### Technical Specifications:

Product Class	C1
Color	Grey
Average Consumption	3,0-5,0 kg/m <sup>2</sup>
Packaging	25 kg kraft paper sack

### Product Standards:

- ✓ EN 12004-1

## KARSER



It is a cement-based, normally hardening, non-slip ceramic adhesive mortar with high adhesion strength, designed for bonding tiles, ceramics and similar materials to all kinds of concrete, plaster, cement and cement-based surfaces.

### Product Advantages:

- + Excellent adhesion,
- + Excellent workability,
- + Easy and fast application,
- + Processing time added in vertical applications.

### Technical Specifications:

Product Class	C1T
Color	Grey and White
Average Consumption	3,0-5,0 kg/m <sup>2</sup>
Packaging	25 kg kraft paper sack

### Product Standards:

- ✓ EN 12004-1

## KARSER MASTERFLEX



It is a cement-based, normally hardening, nonslip ceramic adhesive mortar with high adhesion strength and extended open time, designed for bonding tiles, ceramics and similar materials to all kinds of concrete, plaster, cement and cement-based surfaces.

### Product Advantages:

- + Excellent adhesion,
- + Excellent workability,
- + Easy and fast application,
- + Non-slip in vertical applications,
- + Can be used in wet areas,
- + Excellent weather conditions resistance,
- + Resistance to water,
- + Resistance to heat,
- + Extended workability time.

### Technical Specifications:

Product Class	C1TE
Color	Grey and White
Average Consumption	3,0-5,0 kg/m <sup>2</sup>
Packaging	25 kg kraft paper sack

### Product Standards:

- ✓ EN 12004-1

## KARSER GRANITE



It is a cement-based, normally hardening, non-slip ceramic adhesive mortar with high adhesion strength, designed for bonding large size (<60x60 cm) tiles, ceramics and similar materials to all kinds of concrete, plaster, cement and cement-based surfaces.

### Product Advantages:

- + Excellent adhesion,
- + Excellent workability,
- + Easy and fast application,
- + Drying time in vertical applications.

### Technical Specifications:

Product Class	C2T
Color	Grey and White
Average Consumption	3,0-5,0 kg/m <sup>2</sup>
Packaging	25 kg kraft paper sack

### Product Standards:

- ✓ EN 12004-1

## KARSER PORCELAIN FLEX



It is a cement-based, normally hardening non-slip ceramic adhesive mortar with high adhesion strength and extended workability, designed for bonding large size (<60 X60 cm) tiles, ceramics and similar materials to all kinds of concrete, plaster, cement and cement-based surfaces.

### Product Advantages:

- + Excellent adhesion,
- + Excellent workability,
- + Easy and fast application,
- + Non-slip in vertical applications,
- + Can be used in wet areas,
- + Excellent weather conditions resistance,
- + Resistance to water and heat,
- + Extended workability time.

### Technical Specifications:

Product Class	C2TE
Color	Grey and White
Average Consumption	3,0-5,0 kg/m <sup>2</sup>
Packaging	25 kg kraft paper sack

### Product Standards:

- ✓ EN 12004-1

## KARSER FLEX



It is a flexible and non-slip, cement-based, normally hardening ceramic adhesive mortar with high adhesion strength, extended working time, designed for bonding large size (> 40X40 cm) tiles, ceramic, granite, marble, natural stone and similar materials to all kinds of concrete, plaster, cement and cement-based surfaces.

### Product Advantages:

- + Excellent adhesion,
- + Excellent flexibility,
- + Excellent workability,
- + Easy and fast application,
- + Non-slip in vertical applications,
- + Can be used in wet areas,
- + Resistance to fast drying,
- + Excellent weather conditions resistance,
- + Resistance to water and heat.

### Technical Specifications:

Product Class	C2TES1
Color	Grey and White
Average Consumption	3,0-5,0 kg/m <sup>2</sup>
Packaging	25 kg kraft paper sack

### Product Standards:

- ✓ EN 12004-1

## KARSER ULTRA



It is a flexible and non-slip, cement-based, normally hardening ceramic adhesive mortar with high adhesion strength, extended working time, designed for bonding large size (> 40X40 cm) tiles, ceramic, granite, marble, natural stone and similar materials to all kinds of concrete, plaster, cement and cement-based surfaces.

### Product Advantages:

- + Excellent adhesion,
- + Excellent flexibility,
- + Excellent workability,
- + Easy and fast application,
- + Non-slip in vertical applications,
- + Can be used in wet areas,
- + Resistance to fast drying,
- + Excellent weather conditions resistance,
- + Resistance to water and heat.

### Technical Specifications:

Product Class	C2TES2
Color	Grey and White
Average Consumption	3,0-5,0 kg/m <sup>2</sup>
Packaging	25 kg kraft paper sack

### Product Standards:

- ✓ EN 12004-1

## KARSER RAPID



It is a cement-based, fast-hardening, high adhesion, non-slip ceramic adhesive mortar designed for bonding large size (> 40X40 cm) tiles, ceramic, granite, marble, natural stone and similar materials to all kinds of concrete, plaster, cement and cement-based surfaces.

### Product Advantages:

- + Excellent adhesion,
- + Excellent early drying,
- + Easy and fast application,
- + Non-slip in vertical applications,
- + Can be used in wet areas,
- + Excellent weather conditions resistance,
- + Resistance to water and heat.

### Technical Specifications:

Product Class	C2FT
Color	Grey
Average Consumption	3,0-5,0 kg/m <sup>2</sup>
Packaging	25 kg kraft paper sack

### Product Standards:

- ✓ EN 12004-1

## KARSER PRIMER



Acrylic dispersion polymer-based, high viscosity, one-component primer material with high adhesion and water impermeability, designed to be used in ceramic on ceramic bonding applications.

### Product Advantages:

- + Excellent adhesion,
- + Solvent-free, odorless,
- + No solvent required, environmentally friendly,
- + Preventing rapid dehydration,
- + Excellent penetration,
- + High saponification resistance.

### Technical Specifications:

Product Class	Pr 1.3-Pr 5.1
Color	Pink
Average Consumption	0,130-0,160 kg/m <sup>2</sup>
Packaging	5 kg plastic jerrycan

### Product Standards:

- ✓ EN 1504-2

## KARSER ACR 20



Acrylic-based, high adhesion, non-slip ready-to-use paste type ceramic adhesive mortar designed for bonding tiles, ceramic, granite, marble, natural stone and similar materials on all kinds of concrete, plaster, cement-based surfaces, gypsum panels, gypsum plaster and painted floors.

### Product Advantages:

- + Excellent adhesion,
- + Solvent-free, odorless,
- + Excellent water and heat resistance,
- + Excellent flexibility,
- + Extended workability time,
- + Excellent resistance to stresses caused by ground movements,
- + High saponification resistance.

### Technical Specifications:

Product Class	D2TE
Color	White
Average Consumption	2,0-4,0 kg/m <sup>2</sup>
Packaging	5 and 20 kg plastic jerrycan

### Product Standards:

- ✓ EN 12004-1

## KARSER 20 PU



It is a polyurethane-based, two-component, solvent-free, thixotropic multi-purpose adhesive and filling material designed to be used for bonding tiles, ceramics, granite, marble, natural stone, metal, eternite, wood, glass and similar materials.

### Product Advantages:

- + Excellent adhesion,
- + Solvent-free, odorless,
- + Excellent water and heat resistance,
- + Excellent flexibility,
- + Extended workability time,
- + Excellent resistance to stresses caused by ground movements,
- + High saponification resistance.

### Technical Specifications:

Product Class	R2T
Color	Off-white
Average Consumption	2,0-4,0 kg/m <sup>2</sup>
Packaging	20 kg set

### Product Standards:

- ✓ EN 12004-1

## KARSER EPK



Chemical-resistant epoxy-based, two-component, solvent-free, chemical and bacteria-resistant joint filling and bonding material.

### Product Advantages:

- + Excellent adhesion,
- + High chemical and mechanical resistance,
- + Excellent abrasion resistance,
- + Excellent water and heat resistance,
- + Antibacterial structure,
- + Excellent resistance to stresses caused by ground movements.

### Technical Specifications:

Product Class	R2T
Color	White, Grey, Antrasit
Average Consumption	3,0-4,0 kg/m <sup>2</sup>
Packaging	5 kg set

### Product Standards:

- ✓ EN 12004-1

## KAR FUGA



It is a cement based joint filler designed to be used for filling 1-6 mm joint gaps of ceramic, marble, natural stone, glass mosaic coating materials in interior spaces, floors and walls.

### Product Advantages:

- + Excellent workability,
- + Easy and fast application,
- + Smooth finish surface,
- + No dusting,
- + No cracking,
- + Excellent abrasion resistance,
- + Excellent freezing resistance,
- + Excellent shrinking resistance,
- + 25 different color options.

### Technical Specifications:

Product Class	CG1
Color	Multi-colored
Average Consumption	0,400-1,500 kg/m <sup>2</sup>
Packaging	20 kg kraft paper sack

### Product Standards:

- ✓ EN 13888

## KAR FUGA SİL



Cement-based, silicone-added, high-performance, flexible joint filling material with reduced water absorption and abrasion, designed to be used for filling 1 - 6 mm joint gaps of ceramic, marble, natural stone, glass mosaic coating materials in interior spaces, floors and walls.

### Product Advantages:

- + Excellent workability,
- + Easy and fast application,
- + Smooth finish surface,
- + No dusting,
- + No cracking,
- + Excellent abrasion resistance,
- + Excellent freezing resistance,
- + Excellent shrinking resistance,
- + 25 different color options.

### Technical Specifications:

Product Class	CG2WA
Color	Multi-colored
Average Consumption	0,400-1,500 kg/m <sup>2</sup>
Packaging	5 or 20 kg kraft paper sack

### Product Standards:

- ✓ EN 13888

## KAR FUGA ULTRA



It is a cement-based, silicone-added, high-performance joint filling material with reduced water absorption and abrasion, designed to be used for filling 5 - 20 mm joint gaps of ceramic, marble, natural stone, glass mosaic coating materials in interior spaces, floors and walls.

### Product Advantages:

- + Excellent workability,
- + Easy and fast application,
- + Smooth finish surface,
- + No dusting,
- + No cracking,
- + Excellent abrasion resistance,
- + Excellent freezing resistance,
- + Excellent shrinking resistance,
- + 25 different color options.

### Technical Specifications:

Product Class	CG2WA
Color	Multi-colored
Average Consumption	0,600-3,20 kg/m <sup>2</sup>
Packaging	20 kg kraft paper sack

### Product Standards:

- ✓ EN 13888

## KAR FUGA EXTRA



It is a cement-based, silicone-added, high-performance, antibacterial joint filling material with reduced water absorption and abrasion, designed to be used for filling 1 - 6 mm joint gaps of ceramic, marble, natural stone, glass mosaic coating materials in interior spaces, floors and walls.

### Product Advantages:

- + Excellent workability,
- + Antibacterial structure,
- + Easy and fast application,
- + Smooth finish surface,
- + No dusting,
- + No cracking,
- + Excellent abrasion resistance,
- + Excellent freezing resistance,
- + Excellent shrinking resistance,
- + 25 different color options.

### Technical Specifications:

Product Class	CG2WA
Color	Multi-colored
Average Consumption	0,400-1,500 kg/m <sup>2</sup>
Packaging	20 kg kraft paper sack

### Product Standards:

- ✓ EN 13888

## KAR FUGA FLEX



Cement-based, silicone-added, high-performance, flexible joint filling material with reduced water absorption and abrasion, designed to be used for filling 1 - 6 mm joint gaps of ceramic, marble, natural stone, glass mosaic coating materials in interior spaces, floors and walls.

### Product Advantages:

- + Excellent workability,
- + Excellent flexibility,
- + Easy and fast application,
- + Smooth finish surface,
- + No dusting,
- + No cracking,
- + Excellent abrasion resistance,
- + Excellent freezing resistance,
- + Excellent shrinking resistance.

### Technical Specifications:

Product Class	CG2WA
Color	Multi-colored
Average Consumption	0,400-1,500 kg/m <sup>2</sup>
Packaging	20 kg kraft paper sack

### Product Standards:

- ✓ EN 13888

## KAR FUGA EPK



Chemical-resistant epoxy-based, two-component, solvent-free, chemical and bacteria-resistant joint filling and bonding material.

### Product Advantages:

- + Excellent adhesion,
- + High chemical and mechanical resistance,
- + Excellent abrasion resistance,
- + Excellent water and heat resistance,
- + Antibacterial structure,
- + Excellent resistance to stresses caused by ground movements.

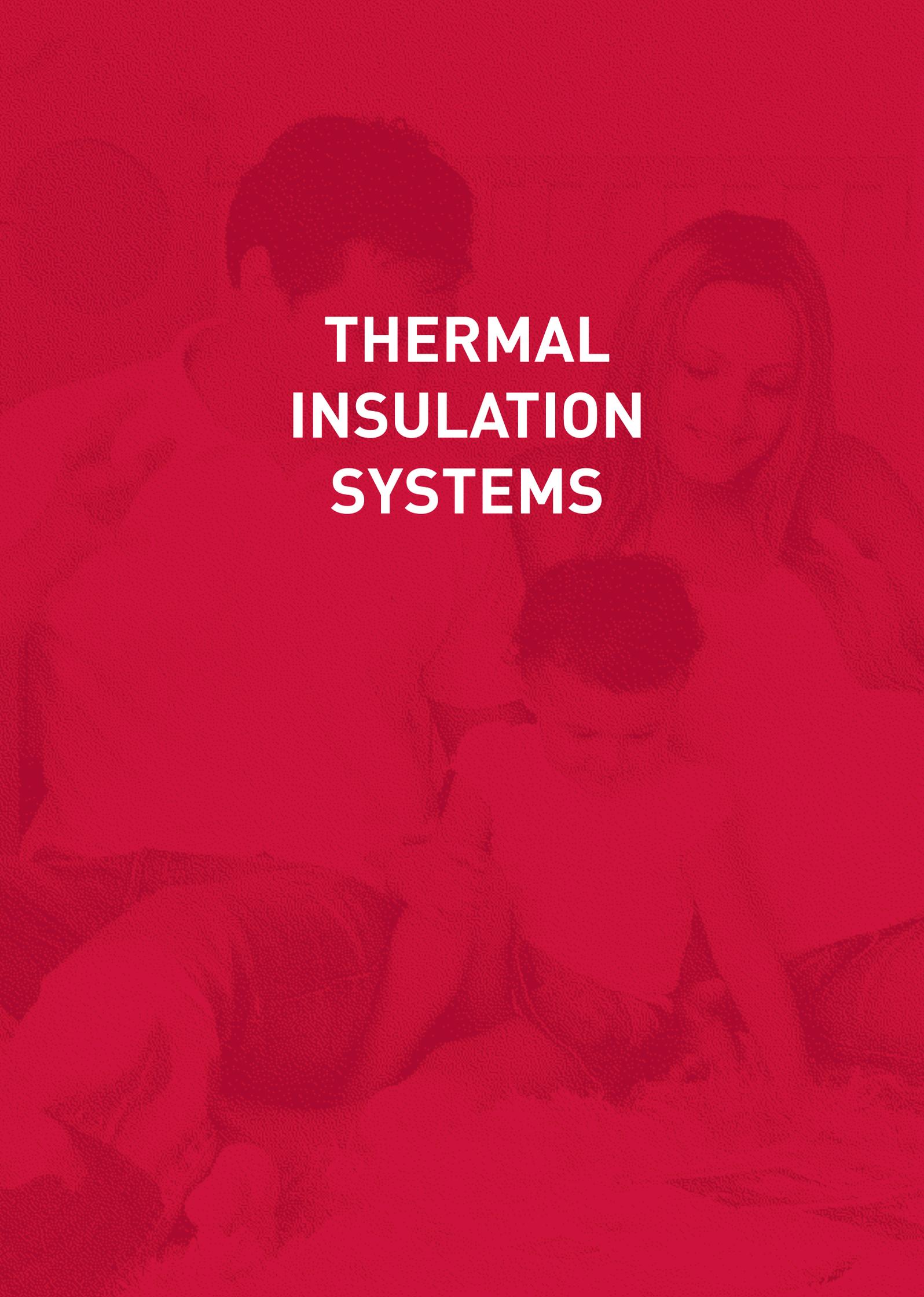
### Technical Specifications:

Product Class	RG
Color	White, Grey, Antrasit
Average Consumption	0,10-1,60 kg/m <sup>2</sup>
Packaging	5 kg set

### Product Standards:

- ✓ EN 13888





# **THERMAL INSULATION SYSTEMS**

## KAR THERM LY



It is a cement-based, polymer-added thermal insulation board adhesive mortar designed to be used in the bonding of XPS, EPS and Stone Wool insulation boards to surfaces such as concrete, brick, aerated concrete on the interior and exterior of all buildings.

### Product Advantages:

- + Excellent adhesion,
- + Can be used in overhead applications,
- + Can be used as general purpose adhesive on mineral-based surfaces,
- + Excellent vapor permeability,
- + Excellent workability,
- + Long workability time.

### Technical Specifications:

Product Class	-
Color	Grey
Average Consumption	4,00-6,50 kg/m <sup>2</sup>
Packaging	25 kg kraft paper sack

### Product Standards:

- ✓ TS 13566

## KAR THERM AD



It is a cement-based, polymer-added thermal insulation board adhesive mortar designed to be used in the bonding of XPS, EPS and Stone Wool insulation boards to surfaces such as concrete, brick, aerated concrete on the interior and exterior of all buildings.

### Product Advantages:

- + Excellent adhesion,
- + Can be used in overhead applications,
- + Can be used as general purpose adhesive on mineral-based surfaces,
- + Excellent vapor permeability,
- + Excellent workability,
- + Long workability time.

### Technical Specifications:

Product Class	-
Color	Grey
Average Consumption	4,00-6,50 kg/m <sup>2</sup>
Packaging	25 kg kraft paper sack

### Product Standards:

- ✓ TS 13566

## KAR THERM AD 510



It is a cement-based, polymer-added thermal insulation board adhesive mortar designed to be used in the bonding of XPS, EPS and Stone Wool insulation boards to surfaces such as concrete, brick, aerated concrete on the interior and exterior of all buildings.

### Product Advantages:

- + Excellent adhesion,
- + Can be used in overhead applications,
- + Can be used as general purpose adhesive on mineral-based surfaces,
- + Excellent vapor permeability,
- + Excellent workability,
- + Long workability time.

### Technical Specifications:

Product Class	-
Color	Grey
Average Consumption	4,00-6,50 kg/m <sup>2</sup>
Packaging	25 kg kraft paper sack

### Product Standards:

- ✓ TS 13566

## KAR THERM AD 710



It is a cement-based, polymer-added thermal insulation board adhesive mortar designed to be used in the bonding of XPS, EPS and Stone Wool insulation boards to surfaces such as concrete, brick, aerated concrete on the interior and exterior of all buildings.

### Product Advantages:

- + Excellent adhesion,
- + Can be used in overhead applications,
- + Can be used as general purpose adhesive on mineral-based surfaces,
- + Excellent vapor permeability,
- + Excellent workability,
- + Long workability time.

### Technical Specifications:

Product Class	-
Color	Grey
Average Consumption	4,00 - 6,50 kg/m <sup>2</sup>
Packaging	25 kg kraft paper sack

### Product Standards:

- ✓ TS 13566

## KAR THERM LS



It is a cement-based, polymer and fiber reinforced thermal insulation board plaster that is used for plastering on thermal insulation materials such as XPS, EPS and Rock Wool on the interior and exterior of all buildings, increasing the strength of the surface with the application of mesh.

### Product Advantages:

- ⊕ Excellent adhesion,
- ⊕ Can be used in vertical, horizontal and overhead applications,
- ⊕ Not affected by weather conditions,
- ⊕ Excellent cracking resistance,
- ⊕ Excellent vapor permeability,
- ⊕ Excellent workability,
- ⊕ Long workability time.

### Technical Specifications:

Product Class	-
Color	Grey
Average Consumption	4,00-6,50 kg/m <sup>2</sup>
Packaging	25 kg kraft paper sack

### Product Standards:

- ✓ TS 13687

## KAR THERM PL 500



It is a cement-based, polymer and fiber reinforced thermal insulation board plaster that is used for plastering on thermal insulation materials such as XPS, EPS and Rock Wool on the interior and exterior of all buildings, increasing the strength of the surface with the application of mesh.

### Product Advantages:

- ⊕ Excellent adhesion,
- ⊕ Can be used in vertical, horizontal and overhead applications,
- ⊕ Not affected by weather conditions,
- ⊕ Excellent cracking resistance,
- ⊕ Excellent vapor permeability,
- ⊕ Excellent workability,
- ⊕ Long workability time.

### Technical Specifications:

Product Class	-
Color	Grey
Average Consumption	4,00-6,50 kg/m <sup>2</sup>
Packaging	25 kg kraft paper sack

### Product Standards:

- ✓ TS 13687

## KAR THERM PL 700



It is a cement-based, polymer and fiber reinforced thermal insulation board plaster that is used for plastering on thermal insulation materials such as XPS, EPS and Rock Wool on the interior and exterior of all buildings, increasing the strength of the surface with the application of mesh.

### Product Advantages:

- ⊕ Excellent adhesion,
- ⊕ Can be used in vertical, horizontal and overhead applications,
- ⊕ Not affected by weather conditions,
- ⊕ Excellent cracking resistance,
- ⊕ Excellent vapor permeability,
- ⊕ Excellent workability,
- ⊕ Long workability time.

### Technical Specifications:

Product Class	-
Color	Grey
Average Consumption	4,00-6,50 kg/m <sup>2</sup>
Packaging	25 kg kraft paper sack

### Product Standards:

- ✓ TS 13687

## KAR THERM PL E



It is a cement-based, polymer and fiber reinforced thermal insulation board plaster that is used for plastering on thermal insulation materials such as XPS, EPS and Rock Wool on the interior and exterior of all buildings, increasing the strength of the surface with the application of mesh.

### Product Advantages:

- ⊕ Excellent adhesion,
- ⊕ Can be used in vertical, horizontal and overhead applications,
- ⊕ Not affected by weather conditions,
- ⊕ Excellent cracking resistance,
- ⊕ Excellent vapor permeability,
- ⊕ Excellent workability,
- ⊕ Long workability time.

### Technical Specifications:

Product Class	-
Color	Grey
Average Consumption	4,00 - 6,50 kg/m <sup>2</sup>
Packaging	25 kg kraft paper sack

### Product Standards:

- ✓ EN 12004-1

## KAR THERM AD&PL



It is a cement-based, polymer and fiber-reinforced thermal insulation board adhesive and plaster that is used for bonding and plastering thermal insulation materials such as XPS, EPS and Rock Wool on the interior and exterior of all buildings, and increases the strength of the surface with mesh application.

### Product Advantages:

- ⊕ Excellent adhesion,
- ⊕ Easy and fast application,
- ⊕ Fine structured, homogeneous decorative appearance,
- ⊕ Not affected by weather conditions,
- ⊕ Excellent cracking resistance,
- ⊕ Excellent vapor permeability,
- ⊕ Excellent workability,
- ⊕ Direct paint application.

### Technical Specifications:

Product Class	E5-S3-V1-W2-A0-C0
Color	White
Average Consumption	2,00-3,00 kg/m <sup>2</sup>
Packaging	25 kg kraft paper sack

### Product Standards:

- ✓ TS 13566
- ✓ TS 13687

## KARMIN



It is a cement-based, polymer and fiber-reinforced thermal insulation board adhesive and plaster that is used for bonding and plastering thermal insulation materials such as XPS, EPS and Rock Wool on the interior and exterior of all buildings, and increases the strength of the surface with mesh application.

### Product Advantages:

- ⊕ Excellent adhesion,
- ⊕ Easy and fast application,
- ⊕ Fine structured, homogeneous decorative appearance,
- ⊕ Not affected by weather conditions,
- ⊕ Excellent cracking resistance,
- ⊕ Excellent vapor permeability,
- ⊕ Excellent workability,
- ⊕ Direct paint application.

### Technical Specifications:

Product Class	E5-S3-V1-W2-A0-C0
Color	White
Average Consumption	2,00 - 3,00 kg/m <sup>2</sup>
Packaging	25kg kraft paper sack

### Product Standards:

- ✓ TS 7847

## KARMIN D



It is a cement-based, polymer and silicone-added decorative coating plaster designed to be used as a top coat plaster on thermal plasters such as XPS, EPS and Rock Wool on the interior and exterior of all buildings.

### Product Advantages:

- ⊕ Excellent adhesion,
- ⊕ Easy and fast application,
- ⊕ Homogeneous decorative appearance,
- ⊕ Not affected by weather conditions,
- ⊕ Excellent cracking resistance,
- ⊕ Excellent vapor permeability,
- ⊕ Excellent workability,
- ⊕ Direct paint application.

### Technical Specifications:

Product Class	E5-S4-V2-W2-A0-C0
Color	White
Average Consumption	2,00-3,00 kg/m <sup>2</sup>
Packaging	25 kg kraft paper sack

### Product Standards:

- ✓ TS 7847

## KARMIN C



It is a cement-based, polymer and silicone-added, striped patterned decorative coating plaster designed to be used as a final coating plaster on the plaster of thermal insulation systems such as XPS, EPS and Rock Wool on the interior and exterior of all buildings.

### Product Advantages:

- ⊕ Excellent adhesion,
- ⊕ Easy and fast application,
- ⊕ Striped patterned, homogeneous decorative appearance,
- ⊕ Not affected by weather conditions,
- ⊕ Excellent cracking resistance,
- ⊕ Excellent vapor permeability,
- ⊕ Excellent workability,
- ⊕ Direct paint application on it.

### Technical Specifications:

Product Class	E5-S4-V1-W2-A0-C0
Color	White
Average Consumption	2,00-3,00 kg/m <sup>2</sup>
Packaging	25 kg kraft paper sack

### Product Standards:

- ✓ TS 7847

## KAR DECO



It is a cement-based, polymer and silicone-added decorative coating plaster designed to be used as a top coat plaster on the plaster of thermal insulation systems such as XPS, EPS and Rock Wool on the interior and exterior of all buildings.

### Product Advantages:

- + Excellent adhesion,
- + Easy and fast application,
- + Striped patterned, homogeneous decorative appearance,
- + Not affected by weather conditions,
- + Excellent cracking resistance,
- + Excellent vapor permeability,
- + Excellent workability,
- + Direct paint application on it.

### Technical Specifications:

Product Class	ES-S4-V0-W0-A0-C0
Color	Light Grey
Average Consumption	2,00-3,00 kg/m <sup>2</sup>
Packaging	25 kg kraft paper sack

### Product Standards:

- ✓ TS 7847

## KAR THERM PRIMER



It is an acrylic copolymer emulsion based, polymer and silicone additive, white colored, adherence enhancing primer designed to be used on the plaster of thermal insulation systems such as XPS, EPS and Rock Wool on the interior and exterior of all buildings.

### Product Advantages:

- + Excellent adherence,
- + Easy and fast application,
- + Can be used in overhead applications,
- + Not affected by weather conditions,
- + Do not pass dirt and stains on the applied surface to a top coating,
- + Reduces the water absorption of the applied surface,
- + Excellent vapor permeability,
- + Increases the strength of the applied surface,
- + Direct paint application on it.

### Technical Specifications:

Product Class	-
Color	White
Average Consumption	0,20 - 0,40 kg/m <sup>2</sup>
Packaging	20 kg kraft paper sack

### Product Standards:

- ✓ EN 13499







# **WATERPROOFING SYSTEMS**

## KAR WISOFLEX



It is a cement-based, polymer-reinforced, one-component waterproofing mortar designed to be used in positive directional waterproofing processes in all buildings, interior and exterior facades, and applied by spreading on mineral-based surfaces.

### Product Advantages:

- + Excellent adherence,
- + Excellent cracking resistance,
- + Excellent elasticity,
- + Excellent vapor permeability,
- + Positive directional waterproofing,
- + Chloride ion free,
- + Easy and fast application by means of spreading.

### Technical Specifications:

Product Class	CM
Color	Grey
Average Consumption	1,6-1,8 kg/m <sup>2</sup> (for 1 mm thickness)
Packaging	25 kg kraft paper sack

### Product Standards:

- ✓ TS EN 14891

## KAR WISO CRYSTALIZED



It is a cement-based, polymer-reinforced, one-component waterproofing mortar designed to be used in positive and negative directional waterproofing processes in all buildings, interior and exterior facades, and applied by applying on mineral-based surfaces.

### Product Advantages:

- + Excellent adherence,
- + Excellent cracking resistance,
- + Excellent elasticity,
- + Excellent vapor permeability,
- + Positive and negative directional waterproofing,
- + Mixing only with water,
- + Chloride ion free,
- + Easy and fast application by means of spreading.

### Technical Specifications:

Product Class	CM
Color	Grey
Average Consumption	1,9-2,0 kg/m <sup>2</sup> (for 1 mm thickness)
Packaging	25 kg kraft paper sack

### Product Standards:

- ✓ TS EN 14891

## KAR WISOFLEX 2K CRYSTAL



It is a cement-based, polymer-reinforced, two-component, crystallized, fully flexible waterproofing mortar designed to be used in positive and negative directional waterproofing processes in all buildings, interior and exterior facades, applied by applying on mineral-based surfaces.

### Product Advantages:

- + Excellent adherence,
- + Excellent cracking resistance,
- + Excellent elasticity,
- + Excellent vapor permeability,
- + Positive and negative directional waterproofing,
- + Chloride ion free,
- + Drinking water compliance report,
- + Easy and fast application by means of spreading.

### Technical Specifications:

Product Class	CMP02
Color	Grey
Average Consumption	1,9-2,0 kg/m <sup>2</sup> (for 1 mm thickness)
Packaging	25 kg kraft paper sack, 8 kg plastic jerrycan

### Product Standards:

- ✓ TS EN 14891

## KAR WISOFLEX 2K



It is a cement-based, polymer-reinforced, two-component, semi-flexible waterproofing mortar designed to be used in positive directional waterproofing processes in all buildings, interior and exterior facades.

### Product Advantages:

- + Excellent adherence,
- + Excellent cracking resistance,
- + Excellent vapor permeability,
- + Positive directional waterproofing,
- + Chloride ion free,
- + Drinking water compliance report,
- + Easy and fast application by means of spreading.

### Technical Specifications:

Product Class	CMP01
Color	Grey
Average Consumption	1,8-2,2 kg/m <sup>2</sup> (for 1 mm thickness)
Packaging	20 kg kraft paper sack, 5 kg plastic jerrycan

### Product Standards:

- ✓ TS EN 14891

## KAR WISOFLEX 2K ELASTIC



It is a cement-based, polymer-reinforced, two-component, flexible waterproofing mortar designed to be used in positive directional waterproofing processes in all buildings, interior and exterior facades.

### Product Advantages:

- + Excellent adherence,
- + Excellent cracking resistance,
- + Excellent elasticity,
- + Excellent vapor permeability,
- + Positive directional waterproofing,
- + Chloride ion free,
- + Drinking water compliance report,
- + Easy and fast application by means of spreading.

### Technical Specifications:

Product Class	CMP02
Color	Grey
Average Consumption	1,8-2,2 kg/m <sup>2</sup> (for 1 mm thickness)
Packaging	20 kg kraft paper sack, 10 kg plastic jerrycan

### Product Standards:

- ✓ TS EN 14891

## KAR WISOFLEX 2K UV



It is a cement-based, polymer-reinforced, two-component, UV-resistant flexible waterproofing mortar designed to be used in positive directional waterproofing processes in all buildings, interior and exterior facades.

### Product Advantages:

- + Excellent adherence,
- + Excellent cracking resistance,
- + Excellent elasticity,
- + Excellent UV resistance,
- + Excellent vapor permeability,
- + Positive directional waterproofing,
- + Chloride ion free,
- + Drinking water compliance report,
- + Easy and fast application by means of spreading.

### Technical Specifications:

Product Class	CMP02
Color	White
Average Consumption	1,6-1,8 kg/m <sup>2</sup> (for 1 mm thickness)
Packaging	25 kg kraft paper sack, 8 kg plastic jerrycan

### Product Standards:

- ✓ TS EN 14891

## KAR WISOPLUG



It is a very fast setting, cement-based water plugging and special repair mortar used in the insulation, assembly and repair of active water leaks occurring on mineral-based surfaces.

### Product Advantages:

- + Excellent adherence,
- + Excellent cracking resistance,
- + Excellent shrinking resistance,
- + Excellent bending resistance,
- + Excellent pressure strength,
- + Mixing only with water,
- + Fast setting,
- + Suitability for contact with drinking water,
- + Chloride ion free.

### Technical Specifications:

Product Class	CM
Color	Grey
Average Consumption	An average of 2 kg of powder material is required for a space of 1 liter volume.
Packaging	5 kg plastic jerrycan

### Product Standards: TS EN 14891

## KAR LATEX



Acrylic copolymer based, waterproofing additive and adherence enhancing primer for screed, plaster and concrete.

### Product Advantages:

- + 100% Acrylic formulation,
- + Excellent adhesion,
- + Excellent abrasion resistance,
- + Excellent elasticity,
- + Excellent water resistance,
- + Resistance to chlorine and salts,
- + High corrosion resistance,
- + Excellent cracking prevention,
- + Easy application.

### Technical Specifications:

Product Class	-
Color	White
Average Consumption	Variable
Packaging	8 and 30 kg plastic jerrycan

## KAR WISOCRETE C



It is a cement-based, single-component capillary effect, which is designed to be used in positive and negative directional waterproofing processes in all buildings, interior and exterior facades, applied to the concrete mixture or concrete surfaces, forming a crystalline structure, reacting with the water coming from the concrete.

### Product Advantages:

- + Excellent adhesion,
- + Excellent crack bridging,
- + Excellent waterproofing,
- + Excellent pressure resistance,
- + Excellent shrinking resistance,
- + Positive and negative directional waterproofing,
- + Not affected by ambient humidity,
- + Easy and fast application by means of spreading,
- + Mixing only with water,
- + Chloride ion free.

### Technical Specifications:

Product Class	Chart 9
Color	Grey
Average Consumption	At least 6 kg powder mortar should be used in 1 m <sup>3</sup> .
Packaging	25 kg kraft paper sack

### Product Standards:

- ✓ TS EN 934-2

## KAR WISOCRETE L



It is a liquid form concrete additive designed to be used in waterproofing processes in all buildings, interior and exterior facades, and provides positive and negative waterproofing by reacting with the moisture and free lime in the concrete of the chemical substances in its structure.

### Product Advantages:

- + Betonu pozitif ve negatif taraftan yüksek Making concrete impervious to high water pressure from positive and negative sides,
- + Constantly active,
- + Excellent pressure resistance,
- + Can be used in bored pile foundation insulation,
- + Increasing the strength and freeze-thaw resistance of concrete,
- + Not preventing concrete from breathing,
- + Protection of concrete reinforcement against corrosion,
- + Chloride ion free,
- + Easy and fast application.

### Technical Specifications:

Product Class	Chart 9
Color	Grey
Average Consumption	Variable in proportion to the cement amount.
Packaging	30 kg plastic jerrycan

### Product Standards:

- ✓ TS EN 934-2

## KAR WISOCRETE N



It is a liquid form concrete additive designed to be used in waterproofing processes in all buildings, interior and exterior facades, providing positive and negative waterproofing by enterin

### Product Advantages:

- + Making concrete impervious to high water pressure from positive and negative sides,
- + Constantly active,
- + Excellent pressure resistance,
- + Can be used in bored pile foundation insulation,
- + Increasing the strength and freeze-thaw resistance of concrete,
- + Not preventing concrete from breathing,
- + Easy and fast application.

### Technical Specifications:

Product Class	Chart 9
Color	Grey
Average Consumption	Variable in proportion to the cement amount.
Packaging	30 kg plastic jerrycan

### Product Standards:

- ✓ TS EN 934-2

## KAR BOOSTER SS



It is a silane-siloxane-based, colorless, solvent-based impregnation material that is applied to the surfaces of the building elements and provides water repellency to the surfaces it is applied to.

### Product Advantages:

- + Silane-siloxane-based structure,
- + Excellent adhesion strength,
- + No solvent required,
- + Water impermeability,
- + Alkali and UV resistance,
- + Excellent penetration,
- + High mechanical strength,
- + Not changing the image and not forming a film layer on the applied surface,
- + Easy and fast application.

### Technical Specifications:

Product Class	Item 1.3, 5.1
Color	Colorless
Average Consumption	0,25-0,70 L/m <sup>2</sup>
Packaging	5 kg plastic jerrycan

### Product Standards:

- ✓ TS EN 1504-2

## KAR PROOF ALF 1000



It is a one-component waterproofing material modified with new generation hybrid resins, permanently elastic, can be applied even on moist surfaces, UV resistant, solvent or water free, 100% solid substance, cured by reacting with moisture in the air.

### Product Advantages:

- + Hybrid polymer based structure,
- + Excellent UV strength,
- + No containing solvent or water,
- + No solvent required,
- + 100% solid substance,
- + Adhesion without primer even on damp surfaces,
- + Positive and negative directional waterproofing,
- + Preserving its current elasticity even at low temperatures,
- + High resistance to frost,
- + Not creating a joint,
- + High resistance to water ponding on terraces and roofs,
- + Labor and time cost reduction.

### Technical Specifications:

Product Class	Item 1.3, 5.1
Color	Colorless
Average Consumption	1,30-1,50 kg/m <sup>2</sup>
Packaging	20 kg tin bucket

### Product Standards:

- ✓ TS EN 1504-2

## KAR PROOF ALF 9000



It is a one-component waterproofing material modified with new generation hybrid resins, permanently elastic, can be applied even on moist surfaces, UV resistant, solvent or water free, 100% solid substance, cured by reacting with moisture in the air.

### Product Advantages:

- + Hybrid polymer based structure,
- + Excellent UV strength,
- + No containing solvent or water,
- + No solvent required,
- + 100% solid substance,
- + Adhesion without primer even on damp surfaces,
- + Positive and negative directional waterproofing,
- + Preserving its current elasticity even at low temperatures,
- + High resistance to frost,
- + Not creating a joint,
- + High resistance to water ponding on terraces and roofs,
- + Labor and time cost reduction.

### Technical Specifications:

Product Class	Item 1.3, 5.1
Color	White and Grey
Average Consumption	1,40-1,50 kg/m <sup>2</sup>
Packaging	20 kg tin bucket

### Product Standards:

- ✓ TS EN 1504-2

## KAR ACR 1K LIQUID MEMBRANE



It is an elastomeric resin-based, one-component, liquid plastic coating and flexible waterproofing material.

### Product Advantages:

- + 100% elastomeric formulation,
- + Excellent adhesion,
- + Excellent air resistance,
- + Excellent crack bridging,
- + Excellent waterproofing,
- + Resistance to UV rays,
- + Resistance to mold and fungi,
- + Easy and fast application,
- + High elasticity.

### Technical Specifications:

Product Class	DMP02
Color	White, Grey, Green and Red
Average Consumption	1,30-1,40 kg/m <sup>2</sup>
Packaging	5 and 20 kg plastic bucket

### Product Standards:

- ✓ TS EN 14891

## KAR ELASTIC LM



Acrylic resin based, one component liquid plastic coating and flexible waterproofing material.

### Product Advantages:

- + 100% acrylic formulation,
- + Excellent adhesion,
- + Excellent air resistance,
- + Excellent crack bridging,
- + Excellent waterproofing,
- + Resistance to UV rays,
- + Resistance to mold and fungi,
- + Easy and fast application,
- + High elasticity.

### Technical Specifications:

Product Class	DMP02
Color	White
Average Consumption	1,30-1,40 kg/m <sup>2</sup>
Packaging	5 and 20 kg plastic bucket

### Product Standards:

- ✓ TS EN 14891

## KAR BITUMEN PRIMER



Water-based, bitumen-rubber-based, one-component, bitumen-based bitumen emulsion used as a primer in waterproofing applications.

### Product Advantages:

- + Bitumen-rubber-based structure,
- + Perfect compatibility with all brands of bituminous membranes,
- + Can be used on dry and moist surfaces,
- + Excellent adhesion strength,
- + Maintaining its elasticity even at low temperatures,
- + Can be applied with a brush, roller or airless spray gun,
- + Easy and fast application,
- + Solvent free,
- + Chloride ion free.

### Technical Specifications:

Product Class	Item 1,3
Color	Black
Average Consumption	Variable
Packaging	17 kg plastic bucket

### Product Standards:

- ✓ TS EN 1504-2

## KAR ELASTRO BITUMEN 1K



Water-based, bitumen-rubber based, modified with special polymer, high elasticity, single component, bitumen-rubber based waterproofing material.

### Product Advantages:

- + Bitumen-rubber-based structure,
- + Perfect compatibility with all brands of bituminous primers,
- + Can be used on dry and moist surfaces,
- + Excellent adhesion strength,
- + Maintaining its elasticity even at low temperatures,
- + Can be applied with a brush, roller or airless spray gun,
- + Easy and fast application,
- + Solvent free.

### Technical Specifications:

Product Class	Item 1,3
Color	Black
Average Consumption	0,900±0,100 kg/m2
Packaging	17 kg plastic bucket

### Product Standards:

- ✓ TS EN 1504-2

## KAR ELASTRO BITUMEN 2K



Water-based, bitumen-rubber-based, modified with special polymer, high elasticity, two-component, bitumen-rubber-based waterproofing material, the second component of which is cement-based.

### Product Advantages:

- + Bitumen-rubber-based structure,
- + Perfect compatibility with all brands of bituminous primers,
- + Can be used on dry and moist surfaces,
- + Excellent adhesion strength,
- + Maintaining its elasticity even at low temperatures,
- + Can be applied with a brush, roller or airless spray gun,
- + Excellent crack bridging,
- + Solvent free,
- + Chloride ion free,
- + Labor and time cost reduction.

### Technical Specifications:

Product Class	Item 1,3
Color	Black
Average Consumption	3,0-6,0 kg/m <sup>2</sup>
Packaging	32 kg plastic bucket set

### Product Standards:

- ✓ TS EN 1504-2

## KARPOL BMP 10 1K



It is a polyurethane-bitumen based, one-component waterproofing material that cures with moisture in the air and forms a monolithic elastic membrane.

### Product Advantages:

- + Bitumen-polyurethane-based structure,
- + Perfect compatibility with any brand of epoxy primer,
- + Can be used on dry surfaces,
- + Excellent adhesion strength,
- + Excellent elasticity,
- + Maintaining its elasticity even at low temperatures,
- + Can be applied with a brush, roller or airless spray gun,
- + Excellent crack bridging,
- + Curing with air,
- + Chloride ion free.

### Technical Specifications:

Product Class	RMP02
Color	Black
Average Consumption	2 kg/m <sup>2</sup> product to obtain 1.7 mm dry film thickness
Packaging	20 kg tin bucket

### Product Standards:

- ✓ TS EN 14891

## KARPOL BMP 10 2K



It is a polyurethane-bitumen based, two component, fast curing, permanent and highly flexible waterproofing material.

### Product Advantages:

- + Bitumen-polyurethane-based structure,
- + Can be used in plant beds and green roof systems,
- + Excellent adhesion strength,
- + Excellent elasticity,
- + Maintaining its elasticity even at low temperatures,
- + Can be applied with a brush, roller or airless spray gun,
- + Excellent crack bridging,
- + High resistance to sea water, oil and detergent,
- + Chloride ion free.

### Technical Specifications:

Product Class	RMP02
Color	Black
Average Consumption	1,1-1,8 kg/m <sup>2</sup> product to obtain 1.7-2.00 mm dry film thickness
Packaging	20 kg tin bucket set

### Product Standards:

- ✓ TS EN 14891

## KARPOL PU PRIMER 1K



It is a high performance, one component, transparent polyurethane primer material formulated for polyurethane waterproofing coatings and mastics.

### Product Advantages:

- + Polyurethane-based structure,
- + One-component structure,
- + Excellent adhesion strength,
- + Curing by chemically reacting with moisture,
- + Can be applied with a brush, roller or airless spray gun,
- + Perfect filling of all pores on the applied surfaces,
- + Excellent resistance to water and chemicals,
- + Creating a perfect finish before polyurethane application.

### Technical Specifications:

Product Class	Item 1,3
Color	Transparent
Average Consumption	100-250 g/m <sup>2</sup>
Packaging	1 kg plastic bottle

### Product Standards:

- ✓ TS EN 1504-2

## KARPOL PU 1K



It is a polyurethane-based, one-component, permanent and highly flexible final layer waterproofing material that cures by reacting with moisture in the air.

### Product Advantages:

- + Polyurethane-based structure,
- + Excellent adhesion strength,
- + Excellent elasticity,
- + Maintaining its elasticity even at low temperatures,
- + Can be applied with a brush, roller or airless spray gun,
- + Excellent crack bridging,
- + High resistance to sea water, oil and detergent,
- + Cold application,
- + Adhesion to glass and metal surfaces,
- + One-component structure.

### Technical Specifications:

Product Class	Item 1,3/DMP
Color	White or Grey
Average Consumption	1,5-2,0 kg/m <sup>2</sup>
Packaging	20 kg tin bucket

### Product Standards:

- ✓ TS EN 1504-2
- ✓ TS EN 14891

## KARPOL PU 2K



It is a polyurethane-based, two-component, permanent and highly flexible, fast curing, solvent-free top coat waterproofing material.

### Product Advantages:

- + Polyurethane-based structure,
- + Excellent adhesion strength,
- + Excellent elasticity,
- + Maintaining its elasticity even at low temperatures,
- + Can be applied with a brush, roller or airless spray gun,
- + Excellent crack bridging,
- + High resistance to sea water, oil and detergent,
- + Cold application,
- + Adhesion to glass and metal surfaces,
- + Labor and time cost reduction.

### Technical Specifications:

Product Class	Item 1,3/DMP
Color	White or Grey
Average Consumption	1,4-1,6 kg/m <sup>2</sup> (for 1 mm thickness)
Packaging	20 kg tin bucket set

### Product Standards:

- ✓ TS EN 1504-2
- ✓ TS EN 14891



# PLASTERS AND MORTARS



## KAR PLASTER



It is a cement-based, one-component, GP type, CS IV class, ready-made machine plaster, formulated to be applied on brick, aerated concrete, exposed concrete, bims, briquette walls and ceilings indoors and outdoors.

### Product Advantages:

- + Excellent adhesion,
- + Excellent cracking resistance,
- + Easy and fast application with machine,
- + Excellent pressure strength,
- + Resistance to water,
- + Resistance to fast drying,
- + Can be applied 1-2.5 cm in a single layer,
- + Can be applied in layers,
- + Can be applied by hand or with machine,
- + Preventing moisture accumulation due to its high breathing feature.

### Technical Specifications:

Product Class	CSIV
Color	Grey
Average Consumption	14,0-16,0 kg/m <sup>2</sup> for 1 cm layer thickness
Packaging	35 kg kraft paper sack

### Product Standards:

- ✓ EN 998-1

## KAR PLASTER H



It is a cement-based, one-component, GP type, CS II class, ready-made hand plaster formulated to be applied on brick, aerated concrete, exposed concrete, bims, briquette walls and ceilings indoors and outdoors.

### Product Advantages:

- + Excellent adhesion,
- + Excellent cracking resistance,
- + Excellent pressure strength,
- + Resistance to water,
- + Resistance to fast drying,
- + Can be applied 1-2.5 cm in a single layer,
- + Can be applied in layers,
- + Preventing moisture accumulation due to its high breathing feature.

### Technical Specifications:

Product Class	CSII
Color	Grey
Average Consumption	15,0-17,0 kg/m <sup>2</sup> for 1 cm layer thickness
Packaging	25 kg kraft paper sack

### Product Standards:

- ✓ EN 998-1

## KAR PLASTER T



It is a cement-based, single component, GP type, CS II class, ready-made ceiling plaster formulated to be applied on brick, aerated concrete, exposed concrete, bims, briquette walls and ceilings indoors and outdoors.

### Product Advantages:

- + Excellent adhesion,
- + Excellent cracking resistance,
- + Excellent pressure strength,
- + Resistance to fast drying,
- + Can be applied 0,5-1,5 cm in a single layer,
- + Can be applied in layers,
- + Preventing moisture accumulation due to its high breathing feature.

### Technical Specifications:

Product Class	CSII
Color	Grey
Average Consumption	13,0-15,0 kg/m <sup>2</sup> for 1 cm layer thickness
Packaging	25 kg kraft paper sack

### Product Standards:

- ✓ EN 998-1

## KAR PLASTER ELF



It is an extra fiber reinforced, cement-based, single component, GP type, CS II class, ready-made thin plaster, formulated to be applied indoors and outdoors, on brick, aerated concrete, exposed concrete, bims, briquette walls and ceilings.

### Product Advantages:

- + Excellent adhesion,
- + Excellent cracking resistance,
- + Excellent pressure strength,
- + Resistance to fast drying,
- + Can be applied 0,5-1,5 cm in a single layer,
- + Can be applied in layers,
- + Preventing moisture accumulation due to its high breathing feature.

### Technical Specifications:

Product Class	CSIV
Color	Grey
Average Consumption	14,0-16,0 kg/m <sup>2</sup> for 1 cm layer thickness
Packaging	25 kg kraft paper sack

### Product Standards:

- ✓ EN 998-1

## KAR PLASTER 610



It is a fiber-reinforced, cement-based, one-component, GP type, CS IV class, ready-made thin plaster formulated to be applied on brick, aerated concrete, exposed concrete, bims, briquette walls and ceilings indoors and outdoors.

### Product Advantages:

- + Excellent adhesion,
- + Excellent cracking resistance,
- + Excellent pressure strength,
- + Resistance to fast drying,
- + Can be applied 1,5 mm in a single layer,
- + Can be applied in layers,
- + Preventing moisture accumulation due to its high breathing feature.

### Technical Specifications:

Product Class	CSIV
Color	Grey
Average Consumption	14,0-16,0 kg/m <sup>2</sup> for 1 cm layer thickness
Packaging	25 kg kraft paper sack

### Product Standards:

- ✓ EN 998-1

## KAR GAS PL



It is a cement-based, one-component, GP type, CS II class, ready-made aerated concrete plaster with mineral and fiber additives that can be applied to the surfaces of masonry materials such as gas concrete, pumice block-bims on interior and exterior walls, providing adhesion and easy application.

### Product Advantages:

- + Excellent adhesion,
- + Excellent cracking resistance,
- + Excellent pressure strength,
- + Resistance to fast drying,
- + Can be applied 3-5 mm in a single layer,
- + Can be applied in layers,
- + Preventing moisture accumulation due to its high breathing feature,
- + Can be applied by hand or with machine.

### Technical Specifications:

Product Class	CSII
Color	Grey
Average Consumption	For 1 m <sup>2</sup> area, 15,0 - 17,0 kg powder material is required.
Packaging	25 kg kraft paper sack

### Product Standards:

- ✓ EN 998-1

## KAR WALL



It is a cement-based, single component, M 2,5 class ready-made masonry mortar, which is used for bonding masonry materials such as brick, briquette and pumice on interior and exterior walls, allowing easy application.

### Product Advantages:

- + Excellent adhesion,
- + Excellent cracking resistance,
- + Excellent pressure strength,
- + Resistance to fast drying,
- + Maximum performance compared to construction site mixes,
- + Preventing moisture accumulation due to its high breathing feature,
- + Can be applied by hand or with machine.

### Technical Specifications:

Product Class	M 2,5
Color	Grey
Average Consumption	For 1 cm application thickness, 16 - 18 kg/m <sup>2</sup> powder material is required.
Packaging	25 kg kraft paper sack

### Product Standards:

- ✓ EN 998-2

## KAR GAS AD



It is a cement-based, one-component, M 5 class gas concrete masonry mortar, which is used for bonding masonry materials such as gas concrete, pumice block-bims on interior and exterior walls and provides easy application.

### Product Advantages:

- + Excellent adhesion,
- + Excellent cracking resistance,
- + Excellent pressure strength,
- + Excellent workability and correctability time,
- + Resistance to fast drying,
- + Maximum performance compared to construction site mixes,
- + Preventing moisture accumulation due to its high breathing feature.

### Technical Specifications:

Product Class	M5
Color	Grey
Average Consumption	4,0-8,0 kg/m <sup>2</sup>
Packaging	25 kg kraft paper sack

### Product Standards:

- ✓ EN 998-2

## KAR SILK PL



It is a cement-based, polymer-added silk plaster designed to be used on the interior facades of all buildings on thin plaster, reinforced concrete and prefabricated surfaces.

### Product Advantages:

- + Excellent adhesion,
- + Excellent cracking resistance,
- + Excellent pressure strength,
- + Excellent flexibility,
- + Excellent vapor permeability,
- + Resistance to fast drying,
- + Creating a smooth finish on the applied surface,
- + Can be used in overhead applications,
- + Silky texture,
- + Paint can be applied on it directly.

### Technical Specifications:

Product Class	-
Color	White or Grey
Average Consumption	1,2-1,8 kg/m <sup>2</sup> (for 1 mm thickness)
Packaging	20 kg kraft paper sack

### Product Standards:

- ✓ TS 13687

## KAR SATEEN



It is a cement-based, polymer-added satin putty designed to be used in smoothing the cement plaster on the thin plaster or exposed concrete on the interior and exterior facades of all buildings, and for the repair of pores, pits or capillary shrinkage cracks on the surface.

### Product Advantages:

- + Excellent adhesion,
- + Excellent cracking resistance,
- + Excellent pressure strength,
- + Excellent vapor permeability,
- + Resistance to fast drying,
- + Creating a smooth finish on the applied surface,
- + Can be used in overhead applications,
- + Paint can be applied on it directly.

### Technical Specifications:

Product Class	-
Color	White
Average Consumption	1,0-1,5 kg/m <sup>2</sup> (for 1 mm thickness)
Packaging	20 kg kraft paper sack

### Product Standards:

- ✓ TS 13687

## KAR FILLING



Product definition: It is a cement-based, polymer-added filling and repair mortar designed to be used in the repair of pores, pits or capillary shrinkage cracks on the surface and surface filling of cement plaster on thin plaster or exposed concrete on interior and exterior facades of all buildings.

### Product Advantages:

- + Excellent adhesion,
- + Excellent cracking resistance,
- + Excellent pressure strength,
- + Excellent vapor permeability,
- + Excellent flexibility,
- + Creating a smooth finish on the applied surface,
- + Can be used in overhead applications,
- + Paint can be applied on it directly.

### Technical Specifications:

Product Class	-
Color	White or Grey
Average Consumption	1,5-1,8 kg/m <sup>2</sup> (for 1 mm thickness)
Packaging	25 kg kraft paper sack

### Product Standards:

- ✓ TS 13687





# **REPAIR AND REINFORCEMENT**

## KAR REPAIR PL 5



It is a polymer-added, cement-based, single component, R1 class, CC type, non-structural, unreinforced thin repair and plaster mortar formulated to be applied on mineral surfaces.

### Product Advantages:

- + Excellent adherence,
- + Easy and fast application,
- + Can be used as correction mortar,
- + Not affected by weather conditions,
- + Full drying in 24 hours,
- + Can be used in layers,
- + Excellent cracking resistance.

### Technical Specifications:

Product Class	R1
Color	Grey
Average Consumption	3,00-4,00 kg/m <sup>2</sup> (for 2 mm thickness)
Packaging	25 kg kraft paper sack

### Product Standards:

✓ EN 1504-3

## KAR REPAIR PL 15



It is a polymer-added, cement-based, single component, R1 class, CC type, non-structural, unreinforced thick repair and plaster mortar formulated to be applied on mineral surfaces.

### Product Advantages:

- + Excellent adherence,
- + Easy and fast application,
- + Can be used as correction mortar,
- + Excellent cracking and shrinking resistance,
- + Not affected by weather conditions,
- + Full drying in 24 hours,
- + Can be used in layers.

### Technical Specifications:

Product Class	R1
Color	Grey
Average Consumption	3,00-4,00 kg/m <sup>2</sup> (for 2 mm thickness)
Packaging	25 kg kraft paper sack

### Product Standards:

✓ EN 1504-3

## KAR REPAIR EXPOSED



It is a polymer-added, cement-based, single component, R2 class, CC type, non-structural, unreinforced repair mortar formulated to be applied on mineral surfaces.

### Product Advantages:

- + Excellent adherence,
- + Easy and fast application,
- + Anticorrosive effect,
- + Can be used as correction mortar,
- + Excellent cracking and shrinking resistance,
- + Not affected by weather conditions,
- + Full drying in 24 hours,
- + Can be used in layers.

### Technical Specifications:

Product Class	R2
Color	Grey
Average Consumption	3,00-4,00 kg/m <sup>2</sup> (for 2 mm thickness)
Packaging	25 kg kraft paper sack

### Product Standards:

✓ EN 1504-3

## KAR REPAIR PL 75 T



It is a cement-based, single component, polymer and fiber added, R3 class, thixotropic, structural repair mortar formulated to be applied on mineral surfaces.

### Product Advantages:

- + Excellent adherence,
- + Easy and fast application,
- + Anticorrosive effect,
- + Thixotropic structure,
- + Can be used in overhead applications,
- + Excellent cracking and shrinking resistance,
- + Not affected by weather conditions,
- + Full drying in 24 hours,
- + Can be used in layers.

### Technical Specifications:

Product Class	R3
Color	Grey
Average Consumption	3,50-4,50 kg/m <sup>2</sup> (for 2 mm thickness)
Packaging	25 kg kraft paper sack

### Product Standards:

✓ EN 1504-3

## KAR REPAIR PL 80 T



It is a cement-based, single component, polymer and fiber added, R4 class, thixotropic, structural repair mortar formulated to be applied on mineral surfaces.

### Product Advantages:

- + Excellent adherence,
- + Excellent pressure strength,
- + Easy and fast application,
- + Anticorrosive effect,
- + Thixotropic structure,
- + Can be used in overhead applications,
- + Excellent cracking and shrinking resistance,
- + Not affected by weather conditions,
- + Full drying in 24 hours,
- + Can be used in layers.

### Technical Specifications:

Product Class	R4
Color	Grey
Average Consumption	3,50-4,50 kg/m <sup>2</sup> (for 2 mm thickness)
Packaging	25 kg kraft paper sack

### Product Standards:

✓ EN 1504-3

## KAR ADHESIVE PL



It is a cement-based, single component, polymer and fiber added, anti-corrosion, adherence enhancing coating and primer material formulated to be applied on mineral surfaces.

### Product Advantages:

- + Excellent adherence,
- + Excellent pressure strength,
- + Excellent water impermeability,
- + Easy and fast application,
- + Anticorrosive effect,
- + Excellent chlorine and sulfate resistance,
- + Can be with brush or roller,
- + Excellent cracking and shrinking resistance,
- + Not affected by weather conditions,
- + Full drying in 24 hours,
- + Can be used in layers.

### Technical Specifications:

Product Class	R3
Color	Grey
Average Consumption	3,50-4,50 kg/m <sup>2</sup> (for 2 mm thickness)
Packaging	25 kg kraft paper sack

### Product Standards:

✓ EN 1504-3

## KAR EXPANDED MORTAR



Cement based, single component, polymer reinforced, non-shrink, expandable, thixotropic consistency, high strength structural repair mortar.

### Product Advantages:

- + Excellent adherence,
- + Excellent pressure strength,
- + Easy and fast application,
- + Excellent early expansion,
- + Excellent chlorine and sulfate resistance,
- + Excellent water impermeability,
- + Excellent resistance to defroster salts,
- + High thixotropic feature,
- + Excellent cracking and shrinking resistance.

### Technical Specifications:

Product Class	R3
Color	Grey
Average Consumption	19,00-21,00 kg/m <sup>2</sup> (for 1 cm thickness)
Packaging	25 kg kraft paper sack

### Product Standards:

✓ EN 1504-3

## KAR SURFACE Q



Cement-based, ready-to-use powder surface hardener containing quartz mineral aggregate, containing special additives, polymer and powder pigment, which is applied by sprinkling on fresh concrete, designed to be used in spaces requiring abrasion resistance such as indoor and outdoor areas, parking lots, garages and ramps, hangars and mechanical workshops, underground passages, subway stations, material warehouses, factories, fairgrounds, shopping centers with heavy human traffic, industrial buildings, gas stations, aircraft hangars.

### Product Advantages:

- ⊕ Excellent adherence,
- ⊕ Excellent pressure strength,
- ⊕ Easy and fast application,
- ⊕ Excellent cracking and shrinking resistance,
- ⊕ Excellent abrasion and impact resistance,
- ⊕ Creating a smooth and homogenous finish surface,
- ⊕ Can be applied on fresh concrete,
- ⊕ Can be applied by hand or by dusting.

### Technical Specifications:

Product Class	C50-F7
Color	Grey, Red, Green
Average Consumption	4,0-6,0 kg/m <sup>2</sup> (for 2,5-3,0 mm thickness)
Packaging	25 kg kraft paper sack

### Product Standards:

- ✓ EN 13813

## KAR SURFACE K



Cement-based, ready-to-use powder surface hardener containing corundum aggregate, containing special additives, polymer and powder pigment, which is applied by sprinkling on fresh concrete, designed to be used in spaces requiring abrasion resistance such as indoor and outdoor areas, parking lots, garages and ramps, hangars and mechanical workshops, underground passages, subway stations, material warehouses, factories, fairgrounds, shopping centers with heavy human traffic, industrial buildings, gas stations, aircraft hangars.

### Product Advantages:

- ⊕ Excellent adherence,
- ⊕ Excellent pressure strength,
- ⊕ Easy and fast application,
- ⊕ Excellent cracking and shrinking resistance,
- ⊕ Excellent abrasion and impact resistance,
- ⊕ Creating a smooth and homogenous finish surface,
- ⊕ Can be applied on fresh concrete,
- ⊕ Can be applied by hand or by dusting.

### Technical Specifications:

Product Class	C50-F7
Color	Grey, Red, Green
Average Consumption	4,0-6,0 kg/m <sup>2</sup> (for 2,5-3,0 mm thickness)
Packaging	25 kg kraft paper sack

### Product Standards:

- ✓ EN 13813

## KAR SURFACE K1



Cement-based, ready-to-use powder surface hardener containing alumina aggregate, containing special additives, polymer and powder pigment, which is applied by sprinkling on fresh concrete, designed to be used in spaces requiring abrasion resistance such as indoor and outdoor areas, parking lots, garages and ramps, hangars and mechanical workshops, underground passages, subway stations, material warehouses, factories, fairgrounds, shopping centers with heavy human traffic, industrial buildings, gas stations, aircraft hangars.

### Product Advantages:

- ⊕ Excellent adherence,
- ⊕ Excellent pressure strength,
- ⊕ Easy and fast application,
- ⊕ Excellent cracking and shrinking resistance,
- ⊕ Excellent abrasion and impact resistance,
- ⊕ Creating a smooth and homogenous finish surface,
- ⊕ Can be applied on fresh concrete,
- ⊕ Can be applied by hand or by dusting.

### Technical Specifications:

Product Class	C50-F7
Color	Grey, Red, Green
Average Consumption	4,0-6,0 kg/m <sup>2</sup> (for 2,5-3,0 mm thickness)
Packaging	25 kg kraft paper sack

### Product Standards:

- ✓ EN 13813

## KAR GUARD LS



It is a new generation lithium silicate based, low viscosity liquid surface hardener and thickener developed for concrete floors, much more effective than traditional sodium and potassium silicate based hardeners.

### Product Advantages:

- ⊕ The water absorption feature of the applied concrete decreases,
- ⊕ Hardness increases over time and remains steady,
- ⊕ Creates shine and vibrant color,
- ⊕ Friction resistance constantly increases,
- ⊕ Absolute dust-free,
- ⊕ Cracks are prevented,
- ⊕ Wear is prevented,
- ⊕ It is permeable to water vapor,
- ⊕ Damages caused by freezing are prevented,
- ⊕ No need for another floor covering,
- ⊕ Easy and fast to apply.

### Technical Specifications:

Product Class	Principle 5.1
Color	Colorless, Clear Liquid
Average Consumption	With 1 liter, 6-20 m <sup>2</sup> of space is covered
Packaging	30 kg plastic jerrycan

### Product Standards:

- ✓ EN 1504-2

## KAR FLOOR S



It is a polymer-added, cement-based, one-component, self-leveling floor leveling mortar formulated to be applied on mineral surfaces.

### Product Advantages:

- + Excellent adherence
- + Excellent compressive strength
- + Easy and fast application
- + Excellent crack and shrinkage resistance
- + Excellent abrasion and impact resistance
- + Creating a smooth and homogeneous finishing surface
- + Can be applied between 2 and 10 mm in a single coat
- + Can be applied in layers.

### Technical Specifications:

Product Class	C25-F7
Color	Grey
Average Consumption	1,5-1,9 kg/m <sup>2</sup> (for 1,0 mm thickness)
Packaging	25 kg kraft paper sack

### Product Standards:

- ✓ EN 13813

## KAR FLOOR H



It is a polymer-added, cement-based, single-component, self-leveling, thick-applicable, industrial floor leveling mortar formulated to be applied on mineral surfaces.

### Product Advantages:

- + Excellent adherence
- + Excellent compressive strength
- + Easy and fast application
- + Excellent crack and shrinkage resistance
- + Excellent water impermeability,
- + Excellent abrasion and impact resistance
- + Creating a smooth and homogeneous finishing surface
- + Can be applied between 5 and 40 mm in a single coat
- + Can be applied in layers.

### Technical Specifications:

Product Class	C40-F7
Color	Grey
Average Consumption	1,9-2,0 kg/m <sup>2</sup> (for 1,0 mm thickness)
Packaging	25 kg kraft paper sack

### Product Standards:

- ✓ EN 13813

## KAR FLOOR P



It is a polymer-added, cement-based, single-component, self-leveling, thick-applicable, industrial floor leveling mortar formulated to be applied on mineral surfaces.

### Product Advantages:

- + Excellent adherence
- + Excellent compressive strength
- + Easy and fast application
- + Excellent crack and shrinkage resistance
- + Excellent water impermeability,
- + Excellent abrasion and impact resistance
- + Creating a smooth and homogeneous finishing surface
- + Can be applied between 5 and 20 mm in a single coat
- + Can be applied in layers.

### Product Standards:

- ✓ EN 13813

## KAR FLOOR PRIMER



Acrylic copolymer based primer formulated to be applied on mineral surfaces, adherence enhancing primer for screed, plaster and concrete.

### Product Advantages:

- + 100% Acrylic formulation
- + Excellent adhesion
- + Excellent abrasion resistance
- + Excellent elasticity
- + Excellent water resistance
- + Resistance to chlorine and salts
- + High corrosion resistance
- + Excellent cracking prevention
- + Easy application

### Technical Specifications:

Product Class	-
Color	White
Average Consumption	0,10-0,20 kg/m <sup>2</sup>
Packaging	30 kg plastic jerrycan

### Product Standards:

- ✓ EN 1504-7

## KAR CONCRETE 25



Cement based, single component, polymer reinforced, C25-F6 class, factory mix, ready-mixed dry concrete and ready screed mortar.

### Product Advantages:

- + Can be applied indoors and outdoors
- + Not affected by ambient humidity
- + High compressive strength
- + High adhesion strength
- + Easy and fast application
- + Can be applied by pump or pouring
- + 5-35 mm application thickness in a single layer
- + Can be applied in thick

### Technical Specifications:

Product Class	C25-F6
Color	Grey
Average Consumption	20 kg/m <sup>2</sup> (for 1 cm application thickness)
Packaging	35 kg kraft paper sack

### Product Standards:

- ✓ EN 13813

## KAR CONCRETE 35



Cement based, single component, polymer reinforced, C35-F6 class, factory mix, ready-mixed dry concrete and ready screed mortar.

### Product Advantages:

- + Can be applied indoors and outdoors
- + Not affected by ambient humidity
- + High compressive strength
- + High adhesion strength
- + Easy and fast application
- + Can be applied by pump or pouring
- + 5-35 mm application thickness in a single layer
- + Can be applied in thick

### Technical Specifications:

Product Class	C35-F6
Color	Grey
Average Consumption	20 kg/m <sup>2</sup> (for 1 cm application thickness)
Packaging	35 kg kraft paper sack

### Product Standards:

- ✓ EN 13813

## KAR GROUT 60 S



Cement based, polymer reinforced, single component, self leveling, ready-to-use dry grout mortar.

### Product Advantages:

- + Excellent adhesion
- + Excellent levelling
- + Excellent cracking resistance
- + Excellent shrinkage resistance
- + Excellent abrasion resistance
- +  $\geq 60$  N/mm<sup>2</sup> Compressive Strength
- + Easy and fast application
- + Can be applied in layers
- + Can be applied in 10-40 mm thickness in a single coat
- + Smooth and non-porous finishing surface

### Technical Specifications:

Product Class	C60-F7
Color	Grey
Average Consumption	1,90-2,10 kg/m <sup>2</sup> (for 1 mm application thickness)
Packaging	25 kg kraft paper sack

### Product Standards:

- ✓ EN 13813

## KAR GROUT 60 W



Cement based, polymer reinforced, single component, self leveling, ready-to-use dry grout mortar.

### Product Advantages:

- + Excellent adhesion
- + Excellent levelling
- + Excellent cracking resistance
- + Excellent shrinkage resistance
- + Excellent abrasion resistance
- +  $\geq 60$  N/mm<sup>2</sup> Compressive Strength
- + Easy and fast application
- + Can be applied in layers
- + Can be applied in 10-40 mm thickness in a single coat
- + Smooth and non-porous finishing surface

### Technical Specifications:

Product Class	C60-F7
Color	Grey
Average Consumption	1,90-2,10 kg/m <sup>2</sup> (for 1 mm application thickness)
Packaging	25 kg kraft paper sack

### Product Standards:

- ✓ EN 13813

## KAR GROUT RAPID



Cement based, polymer reinforced, single component, self leveling, fast drying, ready-to-use dry grout mortar.

### Product Advantages:

- + Excellent adhesion
- + Fast curing
- + Can be opened to light pedestrian traffic within 1 hour
- + Excellent cracking resistance
- + Excellent abrasion resistance
- +  $\geq 50$  N/mm<sup>2</sup> Compressive Strength
- + Easy and fast application
- + Can be applied in layers
- + Can be applied in 10-60 mm thickness in a single coat
- + Smooth and non-porous finishing surface

### Technical Specifications:

Product Class	C50-F7
Color	Grey
Average Consumption	2,00-2,20 kg/m <sup>2</sup> (for 1 mm application thickness)
Packaging	25 kg kraft paper sack

### Product Standards:

- ✓ EN 13813

## KAR EXPANDED GROUT



Cement based, polymer reinforced, single component, self leveling, expandable grout mortar.

### Product Advantages:

- + Excellent early expansion
- + Excellent adhesion
- + Curing in 24 hours
- + Excellent shrinkage resistance
- +  $\geq 45$  N/mm<sup>2</sup> Compressive Strength in 1 day
- + Can be applied in layers
- + Easy application
- + Can be applied in 10-75 mm thickness in a single coat.

### Technical Specifications:

Product Class	C60-F7
Color	Grey
Average Consumption	2,10-2,50 kg/m <sup>2</sup> (for 1 mm application thickness)
Packaging	25 kg kraft paper sack

### Product Standards:

- ✓ EN 13813

## KAR EXPANDED GROUT RAPID



Cement based, polymer reinforced, single component, self leveling, fast drying, expandable grout mortar.

### Product Advantages:

- + Excellent early expansion
- + Excellent adhesion
- + Curing in 24 hours
- + Excellent shrinkage resistance
- +  $\geq 45$  N/mm<sup>2</sup> Compressive Strength in 1 day
- + Can be applied in thick
- + Easy application
- + Can be applied in 10-75 mm thickness in a single coat.

### Technical Specifications:

Product Class	C60-F7
Color	Grey
Average Consumption	2,10-2,50 kg/m <sup>2</sup> (for 1 mm application thickness)
Packaging	25 kg kraft paper sack

### Product Standards:

- ✓ EN 13813

## KAR REPAIR BOND 2K



Epoxy resin-based, two-component, solvent-free, fluid form, structural bonding, repair, anchorage and assembly material.

### Product Advantages:

- + No shrinkage
- + Provides excellent adhesion
- + Has high early strength
- + Resistant to heavy load traffic
- + Resistant to short-term temperature changes
- + Impervious to liquids and steam
- + Freeze-thaw resistant
- + Does not sag up to 10 mm in overhead applications.
- + Can be applied to dry and moist concrete
- + Easy to apply
- + Does not contain solvent

### Technical Specifications:

Product Class	-
Color	Grey
Average Consumption	Variable
Packaging	6 kg tin set

### Product Standards:

- ✓ EN 1504-4

## >>>>>>>>> KAR REPAIR BOND 2K TIXO



Epoxy resin-based, two-component, solvent-free, thixotropic, structural bonding, repair, anchoring and assembly material.

### Product Advantages:

- + No shrinkage
- + Provides excellent adhesion
- + Has high early strength
- + Resistant to heavy load traffic
- + Resistant to short-term temperature changes
- + Impervious to liquids and steam
- + Freeze-thaw resistant
- + Does not sag up to 10 mm in overhead applications.
- + Can be applied to dry and moist concrete
- + Easy to apply
- + Does not contain solvent

### Technical Specifications:

Product Class	-
Color	Grey
Average Consumption	Variable
Packaging	6 kg tin set

### Product Standards:

- ✓ EN 1504-4

## >>>>>>>>> KAR EPOXY GROUT



Epoxy resin-based, three-component, solvent-free, fluid form, structural grout mortar.

### Product Advantages:

- + No shrinkage
- + Provides excellent adhesion
- + Has high early strength
- + Resistant to heavy load traffic
- + Resistant to short-term temperature changes
- + Impervious to liquids and steam
- + Freeze-thaw resistant
- + Easy to apply

### Technical Specifications:

Product Class	-
Color	Grey
Average Consumption	Variable
Packaging	15 kg tin set

### Product Standards:

- ✓ EN 1504-4



# FLOOR GROUP PRODUCTS



## KAR FLOOR EP 101



Epoxy based, two component, low viscosity, solvent free primer material.

### Product Advantages:

- + Epoxy based structure,
- + Excellent adhesion strength,
- + Excellent penetration,
- + Low viscosity,
- + Preserving its current viscosity even at low temperatures,
- + Can be applied with a brush, roller or airless spray gun,
- + Does not contain solvent,
- + Can be used outdoors,
- + Short waiting time between coats,
- + Multi-purpose use,
- + Easy and fast application

### Technical Specifications:

Product Class	Item 1,3
Color	Yellowish Transparent
Average Consumption	0,30-2,4 kg/m <sup>2</sup>
Packaging	20 kg tin bucket set

### Product Standards:

- ✓ TS EN 1504-2

## KAR FLOOR EP 102



Epoxy based, two component, low viscosity, solvent free rammed primer material.

### Product Advantages:

- + Epoxy based structure,
- + Excellent adhesion strength,
- + Rammed system,
- + Excellent penetration,
- + Low viscosity,
- + Preserving its current viscosity even at low temperatures,
- + Can be applied with a brush, roller or airless spray gun,
- + Does not contain solvent,
- + Can be used outdoors,
- + Short waiting time between coats,
- + Multi-purpose use,
- + Easy and fast application

### Technical Specifications:

Product Class	Item 1,3
Color	Brownish Transparent
Average Consumption	0,30-2,4 kg/m <sup>2</sup>
Packaging	20 kg tin bucket set

### Product Standards:

- ✓ TS EN 1504-2

## KAR FLOOR EP 103



Epoxy based, two component, low viscosity, solvent free rammed primer material designed to be applied to damp surfaces.

### Product Advantages:

- + Epoxy based structure,
- + Excellent adhesion strength,
- + Excellent adherence to damp surfaces,
- + Excellent penetration,
- + Low viscosity,
- + Preserving its current viscosity even at low temperatures,
- + Can be applied with a brush, roller or airless spray gun,
- + Does not contain solvent,
- + Can be used outdoors,
- + Short waiting time between coats,
- + Multi-purpose use,
- + Easy and fast application

### Technical Specifications:

Product Class	Item 1,3
Color	Brownish Transparent
Average Consumption	0,30-2,4 kg/m <sup>2</sup>
Packaging	20 kg tin bucket set

### Product Standards:

- ✓ TS EN 1504-2

## KAR FLOOR SL 216



Epoxy based, two component, solvent free, self leveling floor coating.

### Product Advantages:

- + Epoxy based structure,
- + Excellent adhesion strength,
- + Does not contain solvent,
- + Does not require solvent,
- + Liquid impermeability, glossy surface finish,
- + Excellent penetration,
- + Being able to take high levels of filling,
- + Preserving its current viscosity even at low temperatures,
- + High mechanical strength,
- + Non-slip surface after application,
- + Easy and fast application,
- + Reducing labor and time cost.

### Technical Specifications:

Product Class	Item 1,3
Color	Ral colors
Average Consumption	0,60-2,0 kg/m <sup>2</sup>
Packaging	24 kg tin bucket set

### Product Standards:

- ✓ TS EN 1504-2

## KAR FLOOR OP 336



Epoxy-based, two-component, solvent-free, uniform surface final layer floor coating material.

### Product Advantages:

- + Epoxy based structure,
- + Excellent adhesion strength,
- + Does not contain solvent,
- + Does not require solvent,
- + Textured surface finish,
- + Excellent penetration,
- + Hygienic structure,
- + Preserving its current viscosity even at low temperatures,
- + High mechanical strength,
- + Resistance to chemicals and bacteria,
- + Easy and fast application,
- + Reducing labor and time cost.

### Technical Specifications:

Product Class	Item 1,3
Color	Ral colors
Average Consumption	0,50-0,70 kg/m <sup>2</sup>
Packaging	24 kg tin bucket set

### Product Standards:

- ✓ TS EN 1504-2

## KAR FLOOR LP 335



Epoxy-based, two-component, solvent-free, final layer floor coating material.

### Product Advantages:

- + Epoxy based structure,
- + Excellent adhesion strength,
- + Does not contain solvent,
- + Does not require solvent,
- + Liquid impermeability,
- + Glossy surface finish,
- + Excellent penetration,
- + Hygienic structure,
- + Preserving its current viscosity even at low temperatures,
- + High mechanical strength,
- + Resistance to chemicals and bacteria,
- + Easy and fast application,
- + Reducing labor and time cost.

### Technical Specifications:

Product Class	Item 1,3
Color	Ral colors
Average Consumption	0,25-0,35 kg/m <sup>2</sup>
Packaging	24 kg tin bucket set

### Product Standards:

- ✓ TS EN 1504-2

## KAR FLOOR 121 PUR COATING



It is aliphatic polyurethane-based, two-component, UV-resistant top coat paint that can be applied on concrete and metal surfaces indoors and outdoors.

### Product Advantages:

- + Aliphatic polyurethane-based structure,
- + Excellent UV strength,
- + Excellent adhesion strength,
- + Excellent scratch resistance,
- + Can be applied with a brush, roller or airless spray gun
- + Excellent fading resistance,
- + High resistance to sea waters, oil and salts,
- + Hygienic and easy to clean,
- + Adherence to glass and metal surfaces,
- + Providing waterproofing to the applied surface.

### Technical Specifications:

Product Class	Item 1,3
Color	Ral colors
Average Consumption	0,150-0,350 kg/m <sup>2</sup>
Packaging	7,50 kg tin bucket set

### Product Standards:

- ✓ TS EN 1504-2

## KAR FLOOR 122 PUR COATING



It is aromatic polyurethane-based, two-component top coat paint that can be applied on concrete and metal surfaces indoors and outdoors.

### Product Advantages:

- + Aliphatic polyurethane-based structure,
- + Excellent fading resistance,
- + Excellent adhesion strength,
- + Excellent scratch resistance,
- + Can be applied with a brush, roller or airless spray gun,
- + High resistance to sea waters, oil and salts,
- + Hygienic and easy to clean,
- + Adherence to glass and metal surfaces,
- + Providing waterproofing to the applied surface.

### Technical Specifications:

Ürün Sınıfı	Madde 1,3
Renk	Ral Renkleri
Ortalama Sarfiyat	0,150 - 0,300 kg/m <sup>2</sup>
Ambalaj ve Paketleme	20 kg teneke kova set

### Product Standards:

- ✓ TS EN 1504-2

## KAR CURE



Acrylic emulsion based curing material that is applied after concrete, screed and cement based surface hardener applications, prevents rapid evaporation of the mixture water with the film layer it forms on the surface and reduces the risk of shrinkage and crack formation.

### Product Advantages:

- + Acrylic emulsion based structure,
- + Can be applied on all kinds of concrete surfaces,
- + Minimizing plastic shrinkage cracks,
- + Excellent penetration,
- + Preventing cracks and shrinkage by keeping the water inside on the applied surface,
- + Creating a harder and dust-free finish,
- + Easy and fast application.

### Technical Specifications:

Product Class	Item 1,3
Color	White
Average Consumption	0,50-1,40 kg/m <sup>2</sup>
Packaging	30 kg plastic jerrycan

### Product Standards:

- ✓ TS EN 1504-2

## KAR CURE 75



Acrylic copolymer based, high performance, anti-dusting, multi-purpose concrete curing, insulation and protection material.

### Product Advantages:

- + Acrylic copolymer based structure,
- + Can be applied on all kinds of concrete surfaces,
- + Minimizing plastic shrinkage cracks,
- + Excellent penetration,
- + Preventing cracks and shrinkage by keeping the water inside on the applied surface,
- + Creating a harder and dust-free, glossy finish,
- + Easy and fast application,
- + Increasing the chlorine resistance of concrete.

### Technical Specifications:

Product Class	Item 1,3
Color	Transparent
Average Consumption	0,15-0,25 kg/m <sup>2</sup>
Packaging	30 kg plastic jerrycan

### Product Standards:

- ✓ TS EN 1504-2

## KAR CONCRETE CURE 20



It is a paraffin-based liquid concrete curing material that prevents rapid water loss in concrete.

### Product Advantages:

- + Emulsified paraffin-based structure,
- + Can be applied on all kinds of concrete surfaces,
- + Minimizing plastic shrinkage cracks, increasing shrinkage resistance,
- + Excellent penetration,
- + Preventing cracks and shrinkage by keeping the water inside on the applied surface,
- + Creating a harder and dust-free finish,
- + Easy and fast application,
- + Increasing the freezing resistance of concrete.

### Technical Specifications:

Product Class	Item 1,3
Color	White
Average Consumption	0,15-0,25 kg/m <sup>2</sup>
Packaging	30 kg plastic jerrycan

### Product Standards:

- ✓ TS EN 1504-2

## KAR CONCRETE CURE 40



It is a paraffin-based liquid concrete curing material that prevents rapid water loss in concrete.

### Product Advantages:

- + Emulsified paraffin-based structure,
- + Can be applied on all kinds of concrete surfaces,
- + Minimizing plastic shrinkage cracks, increasing shrinkage resistance,
- + Excellent penetration,
- + Preventing cracks and shrinkage by keeping the water inside on the applied surface,
- + Creating a harder and dust-free finish,
- + Easy and fast application,
- + Increasing the freezing resistance of concrete.

### Technical Specifications:

Product Class	Item 1,3
Color	White
Average Consumption	0,15-0,25 kg/m <sup>2</sup>
Packaging	30 kg plastic jerrycan

### Product Standards:

- ✓ TS EN 1504-2

**KHORASAN MORTARS  
AND RESTORATION  
PRODUCT GROUP**

## KAR HYDRAULIC LIME



It is a natural hydraulic lime that is prepared for historical buildings, does not contain cement, and is calcined with traditional methods at low temperatures.

### Product Advantages:

- ⊕ Perfect harmony in historical textures,
- ⊕ Excellent adhesion strength,
- ⊕ Excellent penetration,
- ⊕ Excellent volume stability,
- ⊕ Does not contain cement,
- ⊕ The ability to breathe,
- ⊕ High water vapor permeability,
- ⊕ Can be used as a binder in Khorasan mortars,
- ⊕ Low SO<sub>3</sub> content,
- ⊕ ≥ 3.7 N/mm<sup>2</sup> Compressive Strength.

### Technical Specifications:

Product Class	NHL 3,5
Color	Off-White
Average Consumption	Variable
Packaging	18 kg kraft paper sack

### Product Standards:

- ✓ TS EN 459-1

## KAR KHORASAN PL



It is a natural hydraulic lime-based plaster that is prepared for historical buildings, does not contain cement, and is calcined with traditional methods at low temperatures.

### Product Advantages:

- ⊕ Perfect harmony in historical textures,
- ⊕ Excellent adhesion strength,
- ⊕ Excellent penetration,
- ⊕ Excellent volume stability,
- ⊕ Excellent bloom resistance,
- ⊕ Does not contain soluble salts,
- ⊕ Does not contain cement,
- ⊕ The ability to breathe,
- ⊕ High water vapor permeability,
- ⊕ Low SO<sub>3</sub> content,
- ⊕ ≥ 11,0 N/mm<sup>2</sup> Compressive Strength,
- ⊕ Can be used up to 1,5 cm thickness.

### Technical Specifications:

Product Class	NHL 3,5
Color	Off-White
Average Consumption	Variable
Packaging	18 kg kraft paper sack

### Product Standards:

- ✓ TS EN 459-1

## KAR KHORASAN PL - 3



It is a natural hydraulic lime-based, thixotropic repair mortar containing harmless natural minerals and fibers, which is prepared for historical buildings, does not contain cement, is calcined with traditional methods at low temperatures.

### Product Advantages:

- ⊕ Perfect harmony in historical textures,
- ⊕ Excellent adhesion strength,
- ⊕ Excellent penetration,
- ⊕ Excellent volume stability,
- ⊕ Excellent bloom resistance,
- ⊕ Does not contain soluble salts,
- ⊕ Does not contain cement,
- ⊕ The ability to breathe,
- ⊕ High water vapor permeability,
- ⊕ Low SO<sub>3</sub> content,
- ⊕ ≥ 15,0 N/mm<sup>2</sup> Compressive Strength,
- ⊕ Compliance with carbon rods.

### Technical Specifications:

Product Class	NHL 3,5
Color	Off-White
Average Consumption	1,3-1,8 kg/m <sup>2</sup>
Packaging	20 kg kraft paper sack

### Product Standards:

- ✓ TS EN 459-1

## KAR KHORASAN INJ



It is a natural hydraulic lime-based injection mortar containing pozzolonic lime and micronized carbonates prepared for historical buildings, does not contain cement, and is calcined with traditional methods at low temperatures.

### Product Advantages:

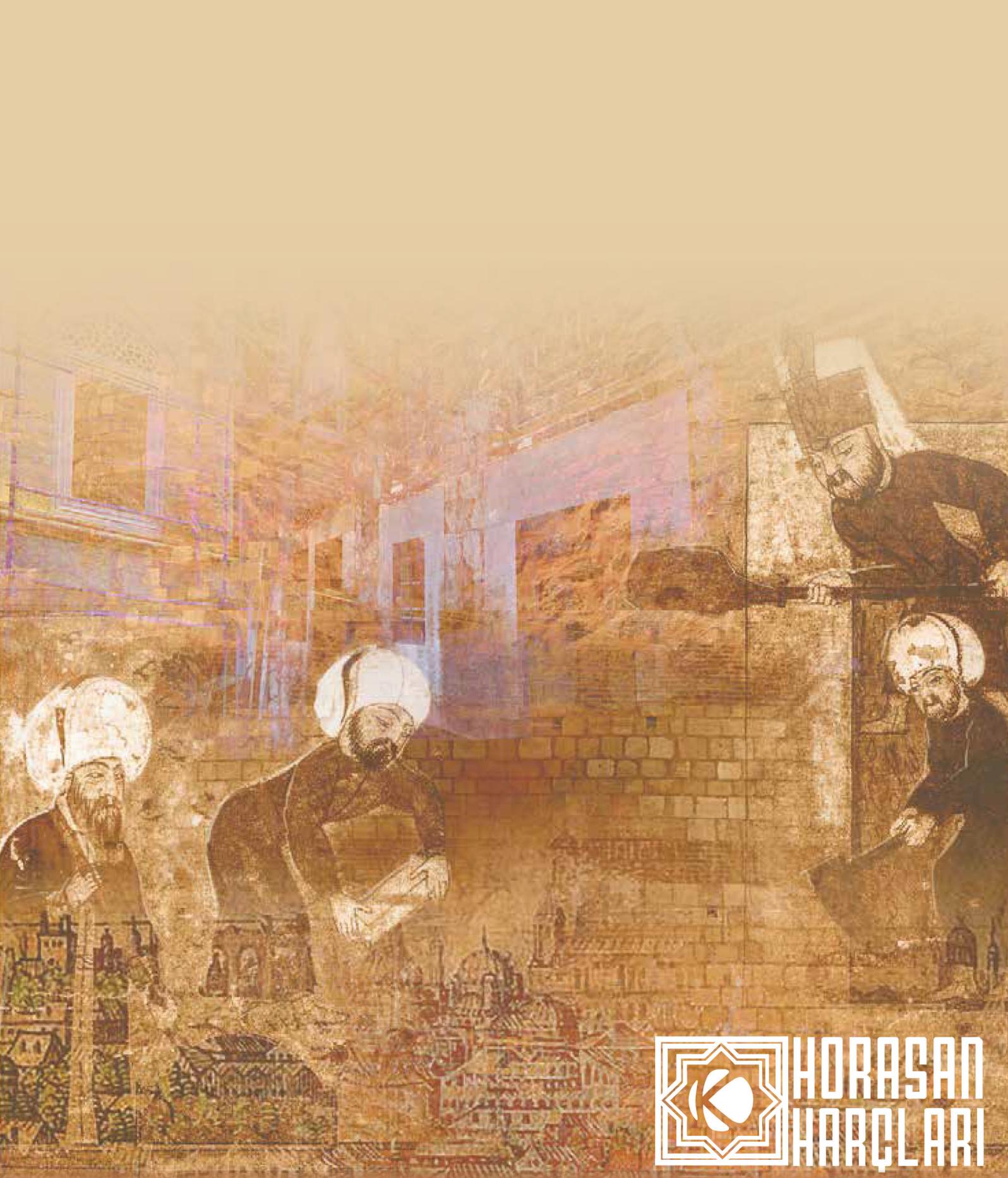
- ⊕ Perfect harmony in historical textures,
- ⊕ Excellent adhesion strength,
- ⊕ Excellent penetration,
- ⊕ Excellent sulfate resistance,
- ⊕ Excellent bloom resistance,
- ⊕ Does not contain soluble salts, sulfate compounds and cement,
- ⊕ Controlled expansion,
- ⊕ The ability to breathe,
- ⊕ High water vapor permeability,
- ⊕ Low SO<sub>3</sub> content,
- ⊕ ≥ 13,0 N/mm<sup>2</sup> Compressive Strength,
- ⊕ Compliance with carbon rods.

### Technical Specifications:

Product Class	NHL 3,5
Color	Off-White
Average Consumption	1,4-1,7 kg/m <sup>2</sup>
Packaging	20 kg kraft paper sack

### Product Standards:

- ✓ TS EN 459-1



 HORASAN  
HARÇLARI

## KarGroup

Dođu Mh. Erol Kaya Cd. No: 193 Pendik / İstanbul  
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## KarBeton Hazır Beton Tesisleri

Pelitli Mh. 4415 Sk. No: 29-4 Gebze / Kocaeli  
T. 0262 751 23 23 F. 0262 751 10 52-54

Güllübağlar Mh. Muhsin Yazıcıođlu Cd. No:134 Pendik / İstanbul  
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Marmara Üniversitesi Külliyesi Maltepe / İstanbul  
T. 0216 561 59 00 -01-02-04 F. 0216 561 00 03

Fikirtepe Mah. Fikirtepe Kadıköy / İstanbul  
T. 444 9 527

Tokmak Köyü Köy Altı Mevkii Altınova / Yalova  
T. 0226 462 82 82 F. 0226 462 82 81

Fevzi Çakmak Mah. Bursa Yolu Üzeri 3. Km. Merkez / Yalova  
T. 0224 267 11 45 F. 0224 267 11 48

Kirazlı Sanayi Mevkii Santral Sk. No: 44 Kirazlı / Yalova  
T. 0226 825 40 00 (4Hat)

50. Yıl Mh. A617 Sk. No: 1/B Armutlu / Yalova  
T. 0226 462 82 82

İzmir Yolu Üzeri Küçük Sanayi Giriş Yarı Beşevler Nilüfer/ Bursa  
T. 0224 441 36 13 - 441 76 22 F. 0224 441 62 04

Fındıklı Köyü Üzeri Orhangazi / Bursa  
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Çeşmebaşı Mh. Kar Cd. No: 2 Ovaakça / Bursa  
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Çağrısan Köyü Bursa Yolu Cd. No: 175 Mudanya / Bursa  
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Kayapa Yolu Cd. Kayapa Mh. 16/2 Nilüfer / Bursa  
T. 0224 493 24 46 - 493 23 39

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Fındıklı Köyü Üzeri Orhangazi / Bursa  
T. 0224 573 44 05 F. 0224 573 44 05-224 572 18 37

Kayapa Yolu Cd. Kayapa Mh. No:16/2 Nilüfer / Bursa  
T. 0224 493 24 46 - 493 23 39

## KarYapı

Pelitli Mh. 4415 Sk. No: 29-4 Gebze / Kocaeli  
T. 0262 751 23 23 F. 0262 751 10 52-54

## KarAsfalt Tesisleri

Pelitli Mh. 4415 Sk. No: 29-4 Gebze / Kocaeli  
T. 0262 751 23 23 F. 0262 751 10 52-54

Eyüp Sultan Mh. Müminler Cd. No:74 Sancaktepe / İstanbul  
T. 0216 561 59 00 -01-02-04 F. 0216 561 00 03

## KarKireç Tesisi

Gedelek Köyü Açmalar Mevkii Orhangazi / Bursa  
T. 0224 586 00 74-75-76 F. 0224 586 00 11

## KarBETON ELEMANLARI Tesisi

Pelitli Mh. 4415 Sk. No: 29-4 Gebze / Kocaeli  
T. 0262 751 23 23 F. 0262 751 10 52-54

## KarKim YAPI KİMYASALLARI Tesisleri

Pelitli Mh. 4415 Sk. No: 29-4 Gebze / Kocaeli  
T. 0262 751 23 23 F. 0262 751 10 52-54

Gedelek Köyü Açmalar Mevkii Orhangazi Bursa  
T. 0224 586 00 74-75-76 F. 0224 586 00 11

Yazıkonak Mah. EOSB 47/6 Yazıkonak / Elazığ  
T. 0533 376 43 05

## KarYalıtım Tesisi

Pelitli Mh. 4415 Sk. No: 29-4 Gebze / Kocaeli  
T. 0262 751 23 23 F. 0262 751 10 52-54

## KarFilo Bakım ve Kiralama

Pelitli Mh. 4415 Sk. No: 29 Gebze /Kocaeli  
T. 0262 751 23 23 F. 0262 751 10 52-54

## KarDem DEMİR Tesisleri

Güllübağlar Mh. Muhsin Yazıcıođlu Cd. No: 134 Pendik/İstanbul  
T. 0216 307 72 78 F. 0216 307 71 96

Pelitli Mh. 4415 Sk. No: 29-4 Gebze / Kocaeli  
T. 0262 751 23 23 F. 0262 751 10 52-54

Çeşmebaşı Mh. Kar Cd. No: 2 Ovaakça / Bursa  
T. 0224 267 11 44 (3Hat) F. 0224 267 11 48

Fevzi Çakmak Mh. Bursa Yolu Üzeri 3. Km Merkez / Yalova  
T. 0224 267 11 45 F. 0224 267 11 48





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