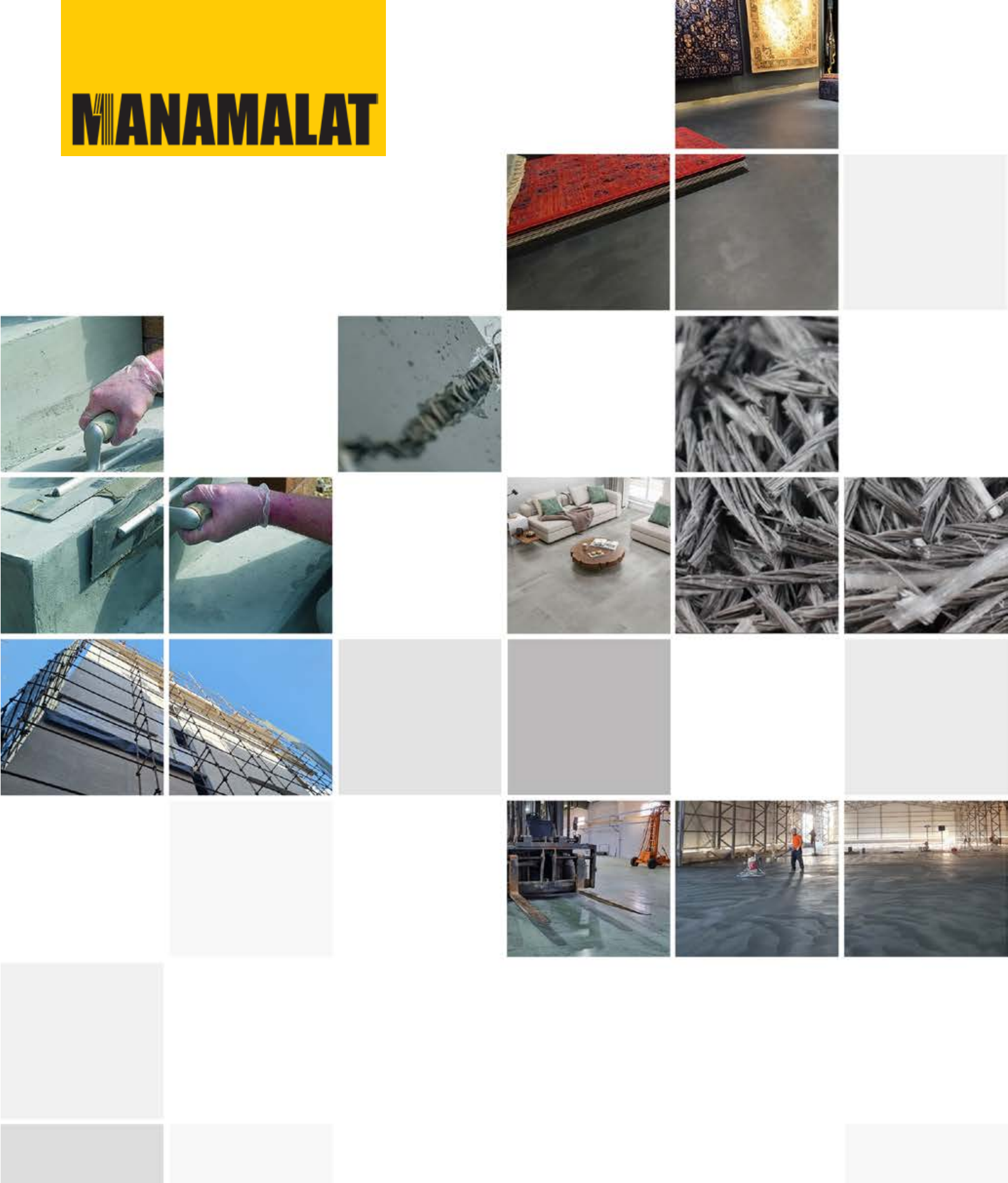


MANAMALAT



MANAMALAT

CONCRETE AND RESIN FLOORING
ADDITIVES AND CEMENT BASE PRODUCTS

www.manamalat.com
info@manamalat.com

MANAMALAT

Arsam Hard Concrete, under the brand name Manamalat, strives to produce competitive materials in the construction industry. By utilizing past experiences, innovative materials, and various concrete additives, it aims to create materials comparable to foreign counterparts and offer them at competitive prices in the market. These materials include dry cement mortars, concrete flooring, and concrete additives.

Our company consistently updates its production based on the latest industry data through research, development, and repeated testing, ensuring the delivery of high-quality products.

Key principles for our cement products:

- Innovation: Continuously improving our products while maintaining quality.
- Research and Development: Addressing market needs through ongoing research.
- Commitment and Responsiveness: Dedicated to the products we produce.

Given the diverse range of our products and the need for specialized consultation in this field, Manamalat is committed to providing expert services in the design, consultation, and execution of various industrial concrete flooring types. These include decorative concrete, stamped concrete, thin concrete, polished concrete, self-leveling concrete, epoxy floor coatings, polyurethane coatings, acid-resistant mortars, various tile adhesives, repair mortars, moisture barriers, final surface coatings, and concrete additives to enhance performance. Our goal is to meet the needs of our valued compatriots with the highest quality and reliability.

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3**Concrete Floor & Cement Base****6****Tile Adhesives & Building****8****Repairing Mortar & Insulation****11****Coating interior and exterior of the building****13****Admixture Concrete - Fiber's****15****Admixture Concrete - SuperPlastcizer's****18****Resin coatings - Sealer's****21****Resin coatings - Primer's****23****Resin coatings - Grout's****26****Resin coatings - Coating's**

Concrete Floor & Cement Base

D80 Dry shake industrial hardener powder

M70 Mortar industrial hardening powder

M60 stamped concrete hardening powder

L28 self-leveling mortar

PINKOW Low thickness polymer concrete

VKF microcement based on cement and epoxy for flooring

D80



DRY SHAKE INDUSTRIAL HARDENER POWDER

Characteristics

It is applied to freshly poured concrete surfaces using a helicopter trowel. The purpose of this treatment is to create a smooth, uniform, and durable surface that can withstand abrasion, dust, and penetration in industrial flooring applications

Yield :

4 to 8 Kg/m²

Color :

Range of colors

Packing

25 kg in a 4 layer protective paper bag

M70



MORTAR INDUSTRIAL HARDENING POWDER

Characteristics

when mixed with a specific percentage of water, forms a paste-like consistency. It is applied to freshly poured concrete at a thickness of 1 to 2 centimeters. Once applied, it creates a strong layer with high abrasion resistance, preventing wear and damage from various factors.

Yield :

22 to 24 Kg/m²

Color :

Range of colors

Packing

25 kg in a 4 layer protective paper bag

M60



STAMPED CONCRETE HARDENING POWDER

Characteristics

A product based on Portland cement, special additives, silica aggregates, composite resins, and organic pigments, used for application on textured concrete surfaces to enhance surface abrasion resistance and reduce surface permeability.

Yield :

3 to 4 Kg/m²

Color :

Range of colors

Packing

25 kg in a 4 layer protective paper bag

L28



SELF-LEVELING MORTAR

Characteristics

Self-leveling mortar is a ready-to-use single-component product based on cement. Due to its high fluidity, rapid self-leveling, and minimal volume change over time, it is suitable for creating a smooth and level surface for various purposes. These include underlayment for resin flooring, tiles, and filling and leveling uneven areas.

Yield :

20 to 22 Kg/m²

Color :

Range of colors

Packing

25 kg in a 4 layer protective paper bag

PINKOW



LOW THICKNESS POLYMER CONCRETE

Characteristics

PINKOW Polymeric Low-Thickness Concrete is a cement base product that is designed and manufactured as a flooring with mechanical strength and high adhesion for low thickness, from 10 to 30 mm, which is run on old concrete by propeller trowel. The implementation of this product is done by the expert executive team and involves several steps from infrastructure to payment of the product.

Yield :

22 to 23 Kg/m²

Color :

Gray

Packing

25 kg in a 4 layer protective paper bag

VKF



MICROCEMENT BASED ON CEMENT AND EPOXY FOR FLOORING

Characteristics

Three-component water-based epoxy based microcement, which is used for decorative and decorative floor coatings with a thickness of 1 to 3 mm and is suitable for shops, restaurants, exhibitions, offices and high-traffic platforms.

Yield :

2 to 7 Kg/m²

Color :

Range of colors

Packing

25 kg in a 4 layer protective paper bag

Tile Adhesives & Building



B70 Normal Tile Adhesive

A85 Porcelain Tile Adhesive

P80 Special polystyrene Adhesive

B40 Polymeric Universal Grout



B70

NORMAL TILE ADHESIVE



Characteristics

This type of tile adhesive is used in terms of granulation and formulation for tile flooring and interior walls for high and medium water absorption tiles.

Yield :

4 to 8 Kg/m²

Color :

Gray / White

Packing

25 kg in a 4 layer protective paper bag



A85

PORCELAIN TILE ADHESIVE



Characteristics

This type of tile adhesive is recommended in terms of gradation and formulation for tile flooring and walls inside and outside the building, especially large and porcelain tiles with low and very low water absorption.

Yield :

4 to 8 Kg/m²

Color :

Gray / White

Packing

25 kg in a 4 layer protective paper bag



P80

PORCELAIN TILE ADHESIVE



Characteristics

Adhesive for use in the new system of ETICS (Thermal Insulation Facade Moisture) and EPS, XPS Cement base adhesive for polystyrene panels

Yield :

4 to 8 Kg/m²

Color :

Gray / White

Packing

25 kg in a 4 layer protective paper bag



B40

POLYMERIC UNIVERSAL GROUT



Characteristics

B40 colored banding powder is based on high strength cement, special aggregates, mineral pigments, additives, mineral fillers with adhesion properties, and is very soft and workable and suitable for bonding of 2-15 mm bands between a variety of floor and wall tiles.

Yield :

0.2 to 0.8 Kg/m²

Color :

Range of colors

Packing

25 kg in a 4 layer protective paper bag

Repairing Mortar & Insulation

MR40 Repair mortar for concrete

GR50 Expandable cementitious grout

WP30 Non-flexible one-component waterproofing mortar

WP60 Flexible single-component waterproofing mortar

WA25 Flexible two-component waterproofing mortar

MR40



REPAIR MORTAR FOR CONCRETE

Characteristics

A product based on cement, single component, high strength, combined with polypropylene fibers and suitable for repairing damaged areas of concrete and cement surfaces.

Yield :

4 to 10 Kg/m²

Color :

Gray

Packing

25 kg in a 4 layer protective paper bag

GR50



EXPANDABLE CEMENTITIOUS GROUT

Characteristics

A cement based product, single-component, high plasticity and ready to use, is expanded enough to fill all cavity pores and surfaces in addition to neutralizing the plastic contraction in cement-based mortars.

Yield :

4 to 12 Kg/m²

Color :

Gray

Packing

25 kg in a 4 layer protective paper bag

WP30



NON-FLEXIBLE ONE-COMPONENT WATERPROOFING MORTAR

Characteristics

Cement-based product that consists of special additives to prevent water penetration and after drying, it has a hard and inflexible mode. This product can be used in substrates that are always in contact with water.

Yield :

2 to 3 Kg/m²

Color :

Gray / White

Packing

25 kg in a 4 layer protective paper bag

WP60



FLEXIBLE SINGLE-COMPONENT WATERPROOFING MORTAR

Characteristics

This is a cement-based, waterproof, flexible, single-component, and polymer-modified base product. It is suitable for waterproofing surfaces exposed to temperature stresses and can serve as a good substitute for bitumen.

Yield :

1 to 2 Kg/m²

Color :

Gray / White

Packing

25 kg in a 4 layer protective paper bag

WA25

FLEXIBLE TWO-COMPONENT WATERPROOFING



Characteristics

The two-component product is based on acrylic cement and resin, waterproof, flexible which is suitable for waterproofing different surfaces. This product can be a good substitute for bitumen.

Yield :

1 to 4 Kg/m²

Color :

Gray / White

Packing

25 kg in a 4 layer protective paper bag

Coating interior and exterior of the building

CP6 Polymeric cement facade paint

Wall-SP Spray-optimized cement facade coating

WallSTAMP Stamped cement facade

VKF-E External polymeric microcement

CP6

POLYMERIC CEMENT FACADE PAINT

Characteristics

A powder based on cement and modified with polymer, to coat and paint vertical cement and plaster surfaces inside and outside the building in a variety of colors.

Yield :

1 to 2 Kg/m²

Color :

Range of colors

Packing

25 kg in a 4 layer protective paper bag



Wall-SP

SPRAY-OPTIMIZED CEMENT FACADE COATING

Characteristics

Exterior and interior polymer cement facade coating that is sprayed with special devices on vertical surface.

Yield :

1 to 5 Kg/m²

Color :

Range of colors

Packing

25 kg in a 4 layer protective paper bag



WallSTAMP

STAMPED CEMENT FACADE

Characteristics

A cement based product that is designed and manufactured to create different designs and textures on the wall by special molds up to 20 mm thickness in one step on vertical surfaces and suitable for use in stumpy facade system.

Yield :

10 to 40 Kg/m²

Color :

Range of colors

Packing

25 kg in a 4 layer protective paper bag



VKF-E

EXTERNAL POLYMERIC MICROCEMENT

Characteristics

Decorative coating of the wall and exterior and interior of the building in powder form that with the techniques of operation and functional properties that give a modern and special appearance to the facade.

Yield :

2 to 6 Kg/m²

Color :

Range of colors

Packing

25 kg in a 4 layer protective paper bag



Admixture Concrete - FIBER



FP100 Micro polypropylene fibers

FC150 Macro synthetic fibers

FI500 Metal fibers

FF600 Woven fibers - Forta

FP100



MICRO POLYPROPYLENE FIBERS

Characteristics

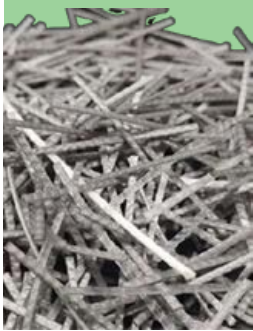
Polypropylene FP100 fibers are used as an additive to strengthen and arm concrete and cement mixtures and its use in concrete increases tensile strength, flexural strength and reduces hair cracks.

Yield :
1 Kg/m³

Color :
White fiber

Packing
20 kg plastic bag

FC150



MACRO SYNTHETIC FIBERS

Characteristics

Macrosynthetic fibers are a high-strength product manufactured according to BSEN14889 standard which is used to reinforce concrete to increase strength, durability, mechanical properties and control cracking.

Yield :
1 to 3 Kg/m³

Color :
White / Gray fiber

Packing
20 kg plastic bag

FI500



METAL FIBERS

Characteristics

Metal fibers are a suitable alternative to reinforcing rebars in slabs reliant on floors and steel decks. The metal fibers provide remarkable quality that can greatly improve the mechanical behavior of concrete.

Yield :
15 to 35 Kg/m³

Color :
Silver fiber

Packing
10 kg plastic bag

FF600



WOVEN FIBERS - FORTA

Characteristics

Fibers consist of different synthetic materials, made of copolymer and pure polypropylene in the form of very thin and twisted strands and grids that by removing reinforcements, creates a reinforced concrete with high efficiency and high quality in the flooring field.

Yield :
1 to 3 Kg/m³

Color :
Gray fiber

Packing
20 kg plastic bag

Admixture Concrete

C50 Concrete Superplasticizer

C35 Superplasticizer suitable for concrete flooring

SP1 Fibrous microsilica gel

P9 microsilica gel

AF900 Concrete antifreeze

CS60 Latex for waterproofing

CS35 Latex for Improve bondig

C50



CONCRETE SUPERPLASTICIZER

Characteristics

C50 Concrete Superplasticizer is a third-generation super-lubricant that can reduce up to 30% of the water required to obtain the concrete with proper efficiency.

Yield :

0.2 to 0.5 % of cement

Color :

light brown

Packing

20 liter plastic gallon

C35



SUPERPLASTICIZER SUITABLE FOR CONCRETE FLOORING

Characteristics

C35 Concrete Superplasticizer is a third generation carboxylate based super-lubricant that can reduce up to 20% of the water needed for concrete and is suitable for flooring concrete with a good delay in slump retention and retention

Yield :

0.5 to 1.5 % of cement

Color :

light brown

Packing

20 liter plastic gallon

SP1



FIBROUS MICROSILICA GEL

Characteristics

The best form of using silica soot is its combination with a concrete superplasticizer called microsilica gel, which is used in resistant, impenetrable and durable concrete.

Yield :

3 to 8 % of cement

Color :

Gray paste

Packing

20 kg plastic bucket

P9



MICROSILICA GEL

Characteristics

The best form of using silica soot is its combination with a concrete superplasticizer called microsilica gel, which is used in resistant, impenetrable and durable concrete.

Yield :

3 to 12 % of cement

Color :

Gray paste

Packing

20 kg plastic bucket

AF900



CONCRETE ANTIFREEZE

Characteristics

In order to prevent water from freezing inside the concrete, accelerate its process and minimize the problems caused by rapid heat loss, the use of concrete antifreeze is necessary.

Yield :

1 to 4 % of cement

Color :

colorless liquid

Packing

20 liter plastic gallon

CS60



LATEX FOR WATERPROOFING

Characteristics

It is an acrylic-based emulsion polymer that can increase adhesion, tensile strength, and durability in addition to sealing cement mortar and gypsum

Yield :

2 to 12 % of cement

Color :

Milky liquid

Packing

20 liter plastic gallon

CS35



LATEX FOR IMPROVE BONDIG

Characteristics

It is an acrylic-based emulsion polymer that can increase the adhesion, tensile and compressive strength, as well as the durability of concrete, cement or gypsum mortar and prevent cracks in them.

Yield :

2 to 8 % of cement

Color :

Milky liquid

Packing

20 liter plastic gallon

SEALERS AND PROTECTIVE COATINGS



| L1 Sealer based on PURE acrylic

| L2 Sealer based on solvent acrylic

| L3 Concrete surface hardening sealer

| L4 Two-component polyurethane sealer

| L5 One-component polyurethane sealer

| **SU740** Polyurethane sealer

L1



SEALER BASED ON PURE ACRYLIC

Characteristics

A product based on pure acrylic resin that can be used directly as a sealer (film) on the cement or concrete surface (stumpy concrete) and by sealing the pores to protect them against external factors.

Yield :

0.2 to 0.4 Kg/m²

Color :

Milky liquid

Packing

20 liter plastic gallon

L2



SEALER BASED ON SOLVENT ACRYLIC

Characteristics

Glossy sealer is used to compensate for the weaknesses of cement surfaces such as opaque and opacity of concrete surfaces and also cement instability against acid and alkaline corrosive agents.

Yield :

0.2 to 0.5 Kg/m²

Color :

colorless liquid

Packing

20 liter plastic gallon

L3



CONCRETE SURFACE HARDENING SEALER

Characteristics

L3 concrete penetration sealer penetrates the concrete, through a chemical reaction with calcium, free lime and various alkali materials in the concrete, dramatically increases the strength of the concrete and preserves the concrete against the penetration of chemical agents such as acid and alkali and increases the resistance of surface against atmospheric and abrasive factors.

Yield :

0.05 to 0.15 Kg/m²

Color :

colorless liquid

Packing

20 liter plastic gallon

L4



TWO-COMPONENT POLYURETHANE SEALER

Characteristics

Glossy sealer of cement and gypsum based on polyurethane is a two-component film with a stronger film for more protection with increased surface gloss and has better abrasion resistance than similar sealers.

Yield :

0.05 to 0.15 Kg/m²

Color :

colorless liquid

Packing

Two 20-liter plastic gallons

L5



ONE-COMPONENT POLYURETHANE SEALER

Characteristics

Single-component polyurethane sealer, protecting various cement, gypsum and resin surfaces such as epoxy, forms a protective film that protects the surface against the penetration of chemicals, oil, water and dirt and has high resistance against sunlight and yellowism.

Yield :

0.15 to .33 Kg/m²

Color :

colorless liquid

Packing

20 liter plastic gallon

SU740



POLYURETHANE SEALER

Characteristics

Protective varnish of resin flooring such as epoxy forms protective film that protects the surface against UV radiation, acid and abrasion factors.

Yield :

0.2 to 0.4 Kg/m²

Color :

Range of colors

Packing

20 & 4 liter plastic gallon

PRIMER'S

A construction worker is shown from the side, wearing dark clothing and a cap, applying a primer to a concrete floor. The worker is using a long-handled roller with a yellow and orange handle. A black tray containing a yellowish primer is on the floor next to the worker. The floor is a light grey concrete with visible expansion joints. The background shows a dark grey wall and a doorway.

| **FLPOX** Solvent base epoxy primer

| **POXPRIM580** Water-based epoxy primer

| **BS290** Solvent base hydrophobic

| **BW440** Water base hydrophobic

FLPOX



SOLVENT BASE EPOXY PRIMER

Characteristics

A two-component product based on epoxy resin, which is produced in combination with cycloaliphatic amine hardeners that penetrate the surface of concrete to strengthen adhesion and create a suitable surface for coating later layers such as epoxy.

Yield :

0.08 to 0.2 Kg/m²

Color :

A colorless, B colorless

Packing

Two 20-liter plastic gallons

PoxPRIM580



WATER-BASED EPOXY PRIMER

Characteristics

PoxPrim580 water based epoxy primer in two parts, can be combined with water and mineral products such as cement with much higher properties than solvent-based epoxy to prepare the surface for the final coating of industrial and decorative floors.

Yield :

0.08 to 0.2 Kg/m²

Color :

A colorless, B brown

Packing

Two 20-liter plastic gallons

BS290



SOLVENT BASE HYDROPHOBIC

Characteristics

Hydrophobic S290 is a product based on a mixture of silane and siloxane which can be used for hydrophobic cement and gypsum surfaces and protection from dust and dirt.

Yield :

0.15 to 0.8 Kg/m²

Color :

colorless liquid

Packing

20-liter plastic gallons

BW440



WATER BASE HYDROPHOBIC

Characteristics

The BW440 hydrophobic is a product based on a mixture of silane and siloxane which can be used for hydrophobic cement and gypsum surfaces and protection from dust and dirt.

Yield :

0.15 to 0.8 Kg/m²

Color :

Milky liquid

Packing

20-liter plastic gallons

RESIN GROUTS AND MORTARS



GE900F Low viscosity epoxy grout

GE920H Water based epoxy grout

PU1640 Two-component polyurethane sealant

PU635 One-component polyurethane sealant

AnchorFIX Rebar planting paste

GE900F

LOW VISCOSITY EPOXY GROUT

Characteristics

A type of epoxy grout with high strength and psychic in three-part, low heat, solvent-free and moisture-sensitive, to fill pores that are very heavy loading and impactful.

Yield :

21 to 23 Kg/m² each cm

Color :

Gray paste

Packing

4 liter gallon, 20 kg bucket, 25 kg paper bag



GE920H

WATER BASED EPOXY GROUT

Characteristics

A type of water-based epoxy grout with the ability to run on a wet bed, in three parts, low thermogenesis and insensitive to moisture, to fill the pores that are very heavy loading. This product has the ability to run on a wet bed.

Yield :

21 to 23 Kg/m² each cm

Color :

Gray paste

Packing

Two 4 liter gallons, 25 kg paper bag



PU1640

TWO-COMPONENT POLYURETHANE SEALANT

Characteristics

Polyurethane-based two-component elastomeric sealant for filling horizontal expansion and enclosed seams

Yield :

500 to 800 g/meter length

Color :

Colored paste

Packing

20 liter plastic gallon and 4 liter plastic gallon



PU635

ONE-COMPONENT POLYURETHANE SEALANT

Characteristics

Polyurethane sealant is used as a pulp, single-component, and low modulus and excellent adhesion to all metal and non-metallic surfaces such as cement, brick, ceramic, glass, wood, painted galvanized iron sheet and plastic to fill the functional seams.

Yield :

200 to 1500 g/meter length

Color :

White/Black/Gray

Packing

600 ml sausage packaging



AnchorFIX



REBAR PLANTING PASTE

Characteristics

A product based on special epoxy in two parts to add rebar in concrete structures, as a rebar planting paste used to install rebar in concrete.

Yield :

Approx 1500 g

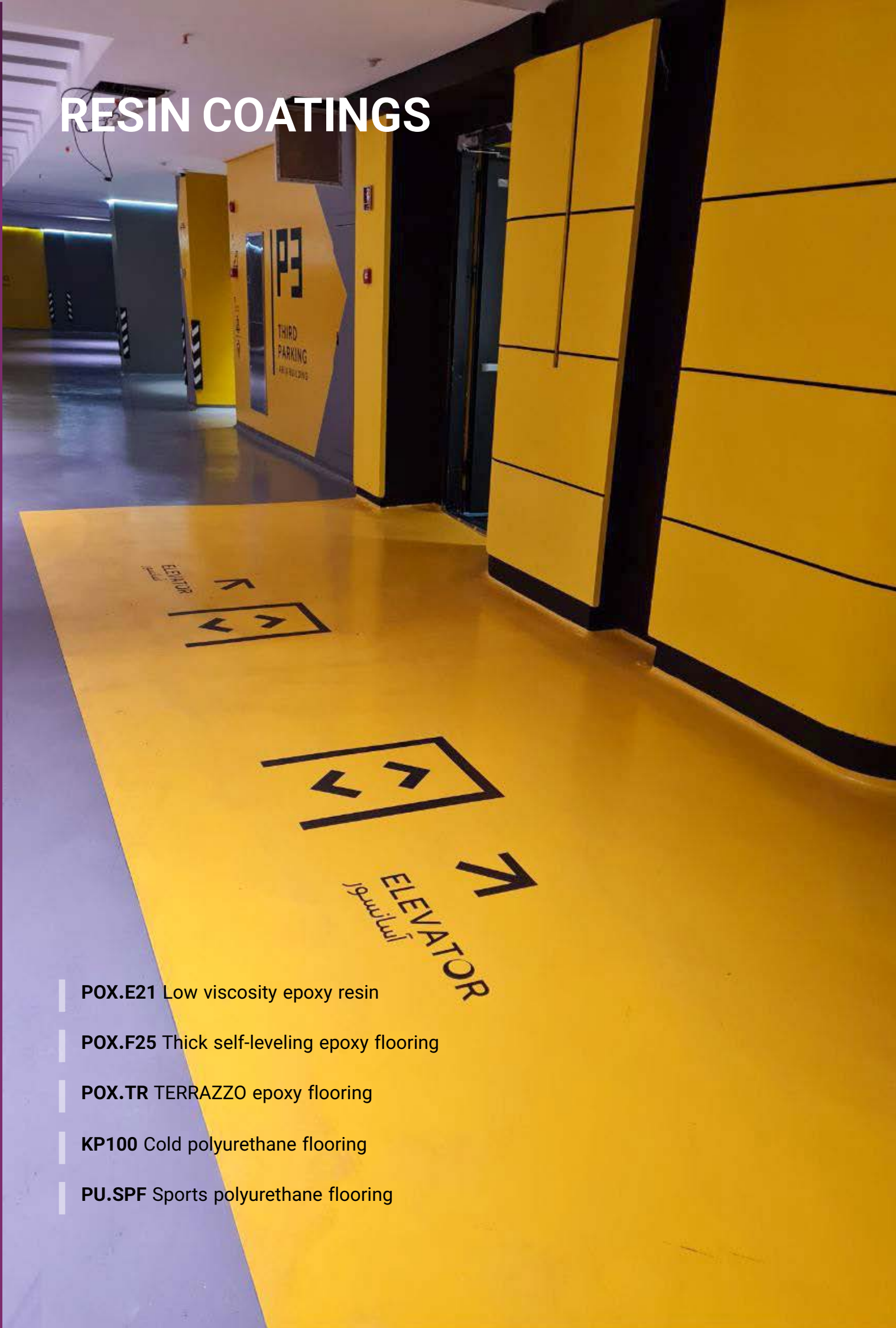
Color :

Red paste

Packing

Two 5 kg plastic buckets

RESIN COATINGS



| POX.E21 Low viscosity epoxy resin

| POX.F25 Thick self-leveling epoxy flooring

| POX.TR TERRAZZO epoxy flooring

| KP100 Cold polyurethane flooring

| PU.SPF Sports polyurethane flooring

POX.E21



LOW VISCOSITY EPOXY RESIN

Characteristics

Epoxy resin with low viscosity and solvent free, no retraction and odor, suitable for casting flooring and decorative products such as pure resin flooring and wood epoxy decorative products.

Yield :

1.2 to 1.25 Kg/m² each MM

Color :

colorless liquid

Packing

20 liter bucket and 10 liter gallon

POX.F25



THICK SELF-LEVELING EPOXY FLOORING

Characteristics

A kind of epoxy flooring that due to its good psychology and excellent self-alignment, without odor and no retraction, it can be applied with rollers or trowel as non-slippery, completely impervious and thick layer of epoxy flooring. This product has filler and there is no solvent in it.

Yield :

1.8 to 1.85 Kg/m² each MM

Color :

White / RAL Colors

Packing

20 liter bucket and 10 liter gallon

POX.TR



TERRAZZO EPOXY FLOORING

Characteristics

A kind of epoxy flooring with low viscosity and no shrinkage in high thickness that can be mixed with a variety of mineral and synthetic fillers and run on the floor and is special for use in Terrazzo flooring.

Yield :

1.9 to 1.92 Kg/m² each MM

Color :

White / RAL Colors

Packing

20 liter bucket and 10 liter gallon

KP100



COLD POLYURETHANE FLOORING

Characteristics

A kind of elastomeric flooring with a good fluency and self-alignment can be implemented with rollers as a shiny, flexible, waterproof flooring with high chemical resistance.

Yield :

1.3 to 1.35 Kg/m² each MM

Color :

RAL Colors

Packing

20 liter bucket and 4 liter gallon

PU.SPF



SPORTS POLYURETHANE FLOORING

Characteristics

Polyurethane Sports Flooring is an integrated, flexible and applicable type of flooring with a thickness of about 5 to 10 mm, suitable for sports facilities. This flooring has high resistance to impact, wear and UV radiation, and due to its flexibility, it reduces the likelihood of injury to athletes.

Yield :

1.2 to 1.25 Kg/m² each MM

Color :

RAL Colors

Packing

20 liter bucket and 4 liter gallon



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