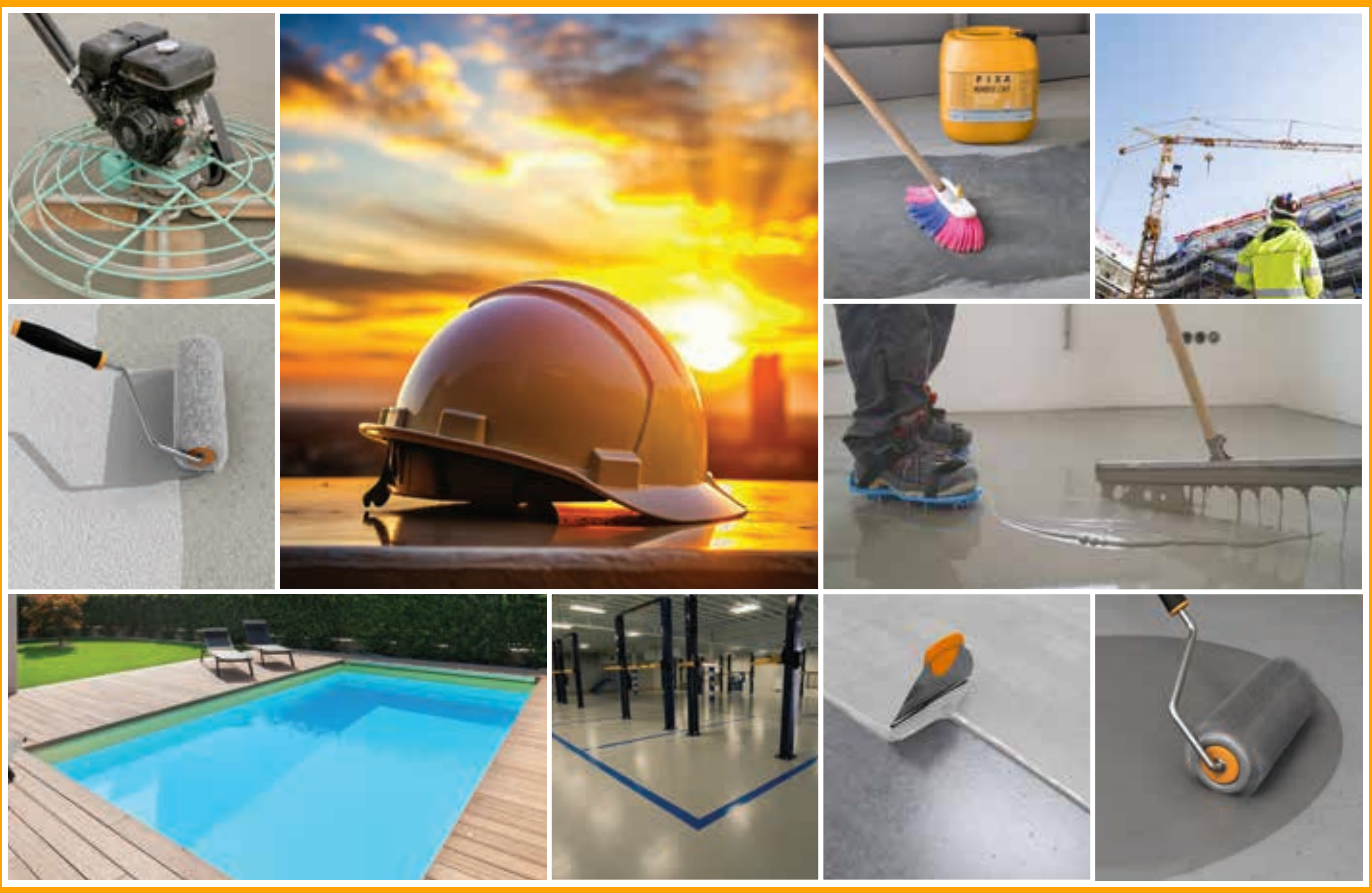
Floor Systems & Curing Compounds

2025



FIXA®
CONSTRUCTION CHEMICALS

FİXA CONSTRUCTION CHEMICALS was founded in İstanbul, Türkiye in 2001 on the principle that modern buildings can only be built with high quality construction materials.

Thanks to our commitment to research and development, FİXA quickly became one of the most important brands in the industry. In the past 24 years, alongside our first factory in Istanbul, the company has established factories in Adana (2009), Ankara (2011) and in 2013 launched a production facility for MS hybrid, polyurethane and silicone products introducing the Turkish construction sector to high technology and innovative solutions.

Through our subsidiary İGLOTEK Thermal Insulation Systems, FİXA has been manufacturing high qualified white and grey EPS insulation boards since 2011, meeting the demands of the thermal insulation industry.

All of FİXA's products are produced in fully computer automated, modern facilities with an annual capacity of 350,000 tons of powder products, 5,000 tons of liquid products, 5,000 tons of silicone sealants-mastics and 350,000 m^3 of EPS.

The 11 main product groups of FİXA are: Waterproofing Systems, Sealants, Repair, Reinforcement and Restoration Systems, Floor Systems, Thermal Insulation Systems, Concrete and Mortar Admixtures, Mold Release Agents and Curing Compounds, Cement Based Plasters and Bonding Mortars, Tile and Ceramic Adhesives, Tile Grouts and Technical Adhesives.

FİXA always places product quality at the forefront to meet customer needs and expectations, invests heavily in R&D, training and quality control systems. All raw materials, semi-finished and finished products are quality controlled before leaving the factory. In addition to CE and TSE quality certificates, FİXA holds ISO 9001:2015 certification and other internationally recognized quality certificates.

With a widespread dealer network across Türkiye, FİXA continues to strengthen its export facilities with the growing distributor network and exports to more than 30 countries from South and Central America to Africa.

In 2022, FİXA Construction Chemicals UK was established to serve the entire European market as a dedicated distribution company.

FİXA emphasizes the correct application of the right product. Our professional sales teams and technical support units are on hand to assist customers ensure proper product selection and application.

As FİXA enters our 25th year, we continue to offer high quality products not only for construction but also for the automotive and various industrial sectors. Driven by our belief in R&D, commitment to product quality and strategic investments, FİXA's advancing toward our goal of becoming the leading brand in construction chemicals. With a quarter century of experience, we will continue to provide reliable, top quality service to the construction industry.

OUR FACTORIES

CONSTRUCTION CHEMICALS

İstanbul Factory

Outdoor Area	11,000 m^2
Closed Area	6,000 m^2
Production Capacity	150,000 ton/year (powder product)
	5,000 ton/year (liquid product)
	5,000 ton/year (MS-silicone sealant)

Adana Factory

Outdoor Area	4,000 m^2
Closed Area	3,000 m^2
Production Capacity	80,000 ton/year (powder product)

Ankara Factory

Outdoor Area	7,200 m^2
Closed Area	4,800 m^2
Production Capacity	120,000 ton/year (powder product)

EPS

İstanbul Factory

Outdoor Area	4,500 m^2
Closed Area	5,000 m^2
Production Capacity	350,000 m^3/year (EPS)

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FLOOR SYSTEMS

MONOFIX® 100

Quartz Aggregated Surface Hardener

Description:
Abrasion resistant powder **surface hardener** consisting of a mixture of special type cement, high quality **quartz** aggregate and performance-enhancing chemical additives, applied monolithically on fresh concrete surfaces. It provides wear, impact, dust and abrasion resistance **against light** and **medium loads** on concrete surfaces.

Application Areas:
- Indoor and outdoor,
- Factories, business centers,
- Garages, parking lots and basement floors,
- Hangars and mechanical workshops,
- Loading and unloading areas,
- Subway stations and underground passages,
- Parks and gardens, pedestrian ways and pavements.

Advantages:
- Applied on fresh concrete monolithically.
- The abrasion resistance of the MONOFIX 100 applied concrete surface increases 2 - 4 times compared to the normal concrete.
- Becomes part of the surface where it is applied, does not wear and fall off.
- Economical and long lasting.
- Ready to use. Saves considerable time as it is quick and easy to apply.
- Provides resistance to wearing and impacts on concrete surfaces and grout sides.
- Makes the surface resistant to weather conditions and freeze-thaw cycles.
- The surface is easier to clean and more resistant to oils than normal concrete.
- Does not oxidize.
- Provides a higher impermeability compared to normal concrete.
- Has 3 different color alternatives.

Consumption:
Light and medium loads: 4 - 5 kg/m^2

Packaging:
25 kg kraft bags

Technical Properties	
Appearance	: Grey, red, green colored powder
Application Temperature	: Between +5°C and +35°C
Aggregate Hardness	: 7 Mohs Scale
Wear Resistance to Rolling Wheel	: ≤ 1 cm^3 (TS EN 13892-5)
Compressive Strength	: ≥ 70 N/mm^2 28 Days (TS EN 13892-2)
Flexural Strength	: ≥ 10 N/mm^2 28 Days (TS EN 13892-2)

MONOFIX® 200

Mineral and Corundum Aggregated Surface Hardener

Description:
Abrasion resistant powder **surface hardener** consisting of a mixture of special type cement, high quality **mineral** and **corundum** aggregate and performance-enhancing chemical additives, applied monolithically on fresh concrete surfaces. It provides wear, impact, dust and abrasion resistance **against light**, **medium** and **heavy loads** on concrete surfaces.

Application Areas:
- Indoor and outdoor,
- Factories, business centers, commercial storages,
- Garages, parking lots and basement floors,
- Mechanical workshops,
- Power stations,
- Shipyards and loading docks,
- Subway stations and underground passages,
- Parks and gardens, pedestrian ways and pavements,
- Heliports and airfields.

Advantages:
- Applied on fresh concrete monolithically.
- The abrasion resistance of the MONOFIX 200 applied concrete surface increases 3 - 5 times compared to the normal concrete.
- Becomes part of the surface where it is applied, does not wear and fall off.
- Economical and long lasting.
- Ready to use. Saves considerable time as it is quick and easy to apply.
- Provides resistance to wearing and impacts on concrete surfaces and grout sides.
- Makes the surface resistant to weather conditions and freeze-thaw cycles.
- The surface is easier to clean and more resistant to oils than normal concrete.
- Does not oxidize.
- Provides a higher impermeability compared to normal concrete.
- Has 3 different color alternatives.

Consumption:
Light and medium loads: 5 - 5.5 kg/m^2
Heavy loads: 7 - 8 kg/m^2

Packaging:
25 kg kraft bags

Technical Properties	
Appearance	: Grey, red, green colored powder
Application Temperature	: Between +5°C and +35°C
Aggregate Hardness	: 8 Mohs Scale
Wear Resistance to Rolling Wheel	: ≤ 1 cm^3 (TS EN 13892-5)
Compressive Strength	: ≥ 70 N/mm^2 28 Days (TS EN 13892-2)
Flexural Strength	: ≥ 10 N/mm^2 28 Days (TS EN 13892-2)

MONOFIX® 300

Corundum Aggregated Surface Hardener

Description:
Abrasion resistant powder **surface hardener** consisting of a mixture of special type cement, high quality **corundum** aggregate and performance-enhancing chemical additives, applied monolithically on fresh concrete surfaces. It provides wear, impact, dust and abrasion resistance **against light**, **medium** and **heavy loads** on concrete surfaces.

Application Areas:
- Indoor and outdoor,
- Factories, business centers, commercial storages,
- Garages, parking lots and basement floors,
- Mechanical workshops,
- Power stations,
- Shipyards and loading docks,
- Subway stations and underground passages,
- Parks and gardens, pedestrian ways and pavements,
- Heliports and airfields.

Advantages:
- Applied on fresh concrete monolithically.
- The abrasion resistance of the MONOFIX 300 applied concrete surface increases 4 - 6 times compared to the normal concrete.
- Becomes part of the surface where it is applied, does not wear and fall off.
- Economical and long lasting.
- Ready to use. Saves considerable time as it is quick and easy to apply.
- Provides resistance to wearing and impacts on concrete surfaces and grout sides.
- Makes the surface resistant to weather conditions and freeze-thaw cycles.
- The surface is easier to clean and more resistant to oils than normal concrete.
- Does not oxidize.
- Provides a higher impermeability compared to normal concrete.
- Has 3 different color alternatives.

Consumption:
Light and medium loads: 5 - 6 kg/m^2
Heavy loads: 7 - 9 kg/m^2

Packaging:
25 kg kraft bags

Technical Properties	
Appearance	: Grey, red, green colored powder
Application Temperature	: Between +5°C and +35°C
Aggregate Hardness	: 9 Mohs Scale
Wear Resistance to Rolling Wheel	: ≤ 1 cm^3 (TS EN 13892-5)
Compressive Strength	: ≥ 80 N/mm^2 28 Days (TS EN 13892-2)
Flexural Strength	: ≥ 10 N/mm^2 28 Days (TS EN 13892-2)

Application instructions and technical data provided for the products are obtained in line with our experience and testing carried out according to international standards, under ambient temperatures of 23±2°C and ambient relative humidity conditions of 50%±5. Higher temperatures decrease while lower temperatures increase these durations.

MONOFIX® LIQUID

Dusting and Abrasion Preventive Liquid Surface Hardener

Description:
Low viscosity, colorless **liquid surface hardener** that protects the surface from dusting and abrasion. Increases the resistance of the surface against water. Enhances chemical and mechanical resistance.

Application Areas:
- Indoor and outdoor,
- All horizontal and vertical surfaces,
- Concrete slabs, cement based screeds, tile and stone covered floors that are required to be hardened and dust free,
- Natural stones and pressed brick covered floors,
- Factories, industrial fields and mechanical workshops,
- Storages and garages,
- Basement floors and pedestrian ways.

Advantages:
- Increases the resistance of concrete and cement based floors against dusting and abrasion.
- Can be applied on new and old surfaces and prevents dusting.
- Can be applied under elevated slabs.
- Decelerates water loss and helps curing fresh concrete.
- Provides superior resistance against freze-thaw cycle.
- Increases resistance against water.
- Provides permanent and effective durability.
- Easy to apply and ready to use.
- Waterborne and environmentally friendly.
- Increases concrete's resistance to atmospheric gases.

Consumption:
Approximately 200 - 250 g/m^2 on each layer (Varies depending on the absorption and the porosity of the concrete surface.)

Packaging:
30 kg plastic jerrycans and 180 kg barrels

Technical Properties	
Appearance	: Transparent liquid
Liquid Density	: ~ 1.10 kg/L (20°C)

MONOPRIMER®

Primer for Floor

Description:
Acrylic based, ready-to-use, single component **primer**, used on absorbent surfaces and on surfaces that are likely to dust.

Application Areas:
- Indoor and outdoor,
- Horizontal and vertical applications,
- Highly absorbent surfaces,
- Increase adherence and prevent dusting, prior to applications of floor materials such as leveling screed,
- As a primer prior to ceramics application,
- For increasing adherence before ceiling plastering applications,
- For increasing adherence against dusting on concrete surfaces that will be exposed to pedestrian traffic.

Advantages:
- Waterborne, odorless and safe to use indoor.
- Provides high adherence and prevents dusting.
- Prevents **fast water loss** and potential air bubbles formation on absorbent surfaces when applied before cement and gypsum based coatings.
- Increases workability.
- Provides resistance against moisture.
- Suitable for use on floor heating systems.
- Suitable for use on ceilings and vertical surfaces.

Consumption:
100 - 200 g/m^2 (Varies depending on the absorption and the roughness of the concrete surface.)

Packaging:
5 kg and 20 kg plastic jerrycans

Technical Properties	
Appearance	: White colored liquid
Liquid Density	: ~ 1.05 kg/L
Application Temperature	: Between +5°C and +35°C
Drying Time	: 45 - 60 minutes
Second Coat Application Time	: 1 - 1.5 hours
Service Temperature	: Between -30°C and +80°C

MONOFLOOR® 100 - C35

Ready to Use Self-Levelling Compound (2 - 10 mm)

Description:
C35 class, **cement** based **self-levelling floor compound** which can be applied up to 10 mm thickness, to eliminate defects and roughnesses on the surface.

Application Areas:
- Indoor and dry environments,
- Residential buildings,
- Hospitals,
- Education facilities,
- Shopping malls, stores and markets,
- Levelling the surface in 2 - 10 mm thickness before laying ceramics, granites, marble, wood, parquet, laminate, carpet, linoleum and PVC coatings.

Advantages:
- Applied in 2 - 10 mm thickness.
- Applied quickly and easily.
- Balances by self-levelling and removes the roughness of under layer.
- Provides a homogeneous appearance on the surface.
- Has high adhesion to the surface.
- Does not dust on the surface.
- Suitable for floors with heating systems.
- Can be applied on old concrete surfaces.

Consumption:
1.6 - 1.8 kg/m^2 (for 1 mm thickness)

Packaging:
25 kg kraft bags

Technical Properties	
Appearance	: Grey colored fine powder
Powder Density	: ~ 1.25 kg/L
Water Mixing Ratio	: 5.5 - 6 L water / 25 kg powder
Pot Life	: 25 - 30 minutes
Walk-on Time	: 10 hours
Wear Resistance to Rolling Wheel	: ≤ 1 cm^3 28 days (EN 13892-5)
Compressive Strength	: ≥ 35 N/mm^2 28 days (EN 13892-2)
Flexural Strength	: ≥ 7 N/mm^2 28 days (EN 13892-2)
Application Temperature	: Between +5°C and +35°C

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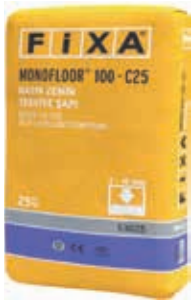

MONOFLOOR® 100 - C25

Ready to Use Self-Levelling Compound (2 - 10 mm)

Description:
C25 class, **cement** based **self-levelling floor compound** which can be applied up to 10 mm thickness, to eliminate defects and roughnesses on the surface.

Application Areas:
- Indoor and dry environments,
- Residential buildings,
- Hospitals,
- Education facilities,
- Shopping malls, stores and markets,
- Levelling the surface in 2 - 10 mm thickness before laying ceramics, granites, marble, wood, parquet, laminate, carpet, linoleum and PVC coatings.

Advantages:
- Applied in 2 - 10 mm thickness.
- Applied quickly and easily.
- Balances by self-levelling and removes the roughness of under layer.
- Provides a homogeneous appearance on the surface.
- Has high adhesion to the surface.
- Suitable for floors with heating systems.
- Can be applied on old concrete surfaces.

Consumption:
1.6 - 1.8 kg/m^2 (for 1 mm thickness)

Packaging:
25 kg kraft bags

Technical Properties	
Appearance	: Grey colored fine powder
Powder Density	: ~ 1.25 kg/L
Water Mixing Ratio	: 6 L water / 25 kg powder
Pot Life	: 20 - 25 minutes
Walk-on Time	: ~ 24 hours
Wear Resistance to Rolling Wheel	: ≤ 1 cm^3 28 days (EN 13892-5)
Compressive Strength	: ≥ 25 N/mm^2 28 days (EN 13892-2)
Flexural Strength	: ≥ 7 N/mm^2 28 days (EN 13892-2)
Application Temperature	: Between +5°C and +35°C

MONOFLOOR® 100 - C25E

Ready to Use Self-Levelling Compound (2 - 10 mm)

Description:
C25 class, **cement** based **self-levelling floor compound** which can be applied up to 10 mm thickness, to eliminate defects and roughnesses on the surface.

Application Areas:
- Indoor and dry environments,
- Residential buildings,
- Hospitals,
- Education facilities,
- Shopping malls, stores and markets,
- Levelling the surface in 2 - 10 mm thickness before laying ceramics, granites, marble, wood, parquet, laminate, carpet, linoleum and PVC coatings.

Advantages:
- Applied in 2 - 10 mm thickness.
- Applied quickly and easily.
- Balances by self-levelling and removes the roughness of under layer.
- Provides a homogeneous appearance on the surface.
- Has high adhesion to the surface.
- Suitable for floors with heating systems.
- Can be applied on old concrete surfaces.
- Economical.

Consumption:
1.6 - 1.8 kg/m^2 (for 1 mm thickness)

Packaging:
25 kg kraft bags

Technical Properties	
Appearance	: Grey colored fine powder
Powder Density	: ~ 1.20 kg/L
Water Mixing Ratio	: 6 L water / 25 kg powder
Pot Life	: ~ 20 minutes
Walk-on Time	: ~ 48 hours
Wear Resistance to Rolling Wheel	: ≤ 1 cm^3 28 days (EN 13892-5)
Compressive Strength	: ≥ 25 N/mm^2 28 days (EN 13892-2)
Flexural Strength	: ≥ 7 N/mm^2 28 days (EN 13892-2)
Application Temperature	: Between +5°C and +35°C

MAXIFLOOR®

Gypsum Based Ready-Mixed Floor Mortar

Description:
Gypsum (calcium sulphate) based **floor mortar** that dries quickly and allows **thick application (2 - 10 cm)**, used for the purpose of eliminating and correcting surface defects on slab concrete.

Application Areas:
- Indoor and in dry environments,
- Residential buildings,
- Hospitals,
- Education facilities,
- Shopping malls, stores and markets,
- On slab concrete,
- Floors with heating systems,
- Levelling the surface 2 - 10 cm before laying ceramics, granites, marble, natural stone, hardwood, parquet, laminate, epoxy, carpet, linoleum and PVC coatings.

Advantages:
- Allows thick application.
- Applied faster and easier than mortars with cement. Does not cause shrinkage cracks.
- Can be walked on 2 hours after the application.
- Economical.
- Can be applied with machine.
- Can be applied on old concrete floors.
- Balanced by self-levelling and covers the roughness of under layer.
- Suitable for floors with heating systems.
- Causes less carbon emission compared to cement based screeds.

Consumption:
16 - 17 kg/m^2 (for 1 cm thickness)

Packaging:
35 kg kraft bags

Technical Properties	
Appearance	: Off white colored fine powder
Powder Density	: ~ 1.30 kg/L
Dry Bulk Density of Hardened Mortar	: 1.75 ± 0.1 kg/L
Water Mixing Ratio	: ~ 8.5 L water / 35 kg powder
Pot Life	: 20 - 30 minutes
Initial Setting Time	: ≥ 20 minutes
Final Setting Time	: ≥ 90 minutes
Walk-on Time	: 2 hours
Top Coat Time	: After fully dried
Application Thickness	: 2 - 10 cm
Compressive Strength	: ≥ 16 N/mm^2 28 days C16 (EN 13813)
Flexural Strength	: ≥ 5 N/mm^2 28 days F5 (EN 13813)
Reaction to Fire	: A1 (TS EN 13501-1)
pH	: ≥ 7
Application Temperature	: Between +5°C and +35°C

Application instructions and technical data provided for the products are obtained in line with our experience and testing carried out according to international standards, under ambient temperatures of 23±2°C and ambient relative humidity conditions of 50%±5. Higher temperatures decrease while lower temperatures increase these durations.

TOPFLOOR®

Gypsum Based Self-Levelling Compound (2 - 10 mm)

Description:
Gypsum (calcium sulphate) based **self-levelling compound** applied 2 - 10 mm, used for the purpose of eliminating and smoothing surface defects on slab concrete.

Application Areas:
- Indoor and in dry environments,
- Residential buildings,
- Hospitals,
- Education facilities,
- Shopping malls, stores and markets,
- On slab concrete floors or floors coated with **MAXIFLOOR**,
- Floors with heating systems,
- Levelling the surface in 2 - 10 mm before laying ceramics, granites, marble, hardwood, parquet, laminate, epoxy, carpet, PVC and linoleum coatings.

Advantages:
- Applied up to a minumum thickness of 2 mm.
- Applied faster and easier than mortars with cement. Does not cause shrinkage cracks.
- Has high flexural and compressive strength.
- Can be walked on 2 hours after the application.
- Can be applied with machine.
- Can be applied on old cement or gypsum based floors.
- Balanced by self-levelling and covers the roughness of under layer.
- Makes the surface firm and resistant to abrasion when cured.
- Suitable for floors with heating systems.
- Causes less carbon emission compared to cement based screeds.

Consumption:
1.5 - 1.6 kg/m² (for 1 mm thickness)

Packaging:
25 kg kraft bags

Technical Properties	
Appearance	: White colored fine powder
Powder Density	: ~ 1.10 kg/L
Dry Bulk Density of Hardened Mortar	: 1.70 ± 0.1 kg/L
Water Mixing Ratio	: 6 L water / 25 kg powder
Pot Life	: ~ 20 minutes
Initial Setting Time	: ≥ 20 minutes
Final Setting Time	: ≥ 90 minutes
Walk-on Time	: 2 hours
Top Coat Time	: After fully dried
Application Thickness	: 2 - 10 mm
Compressive Strength	: ≥ 25 N/mm² 28 days C25 (EN 13813)
Flexural Strength	: ≥ 7 N/mm² 28 days F7 (EN 13813)
Reaction to Fire	: A1 (TS EN 13501-1)
pH	: ≥ 7
Application Temperature	: Between +5°C and +35°C

FLOORFIX® Rapid 10

Acrylic Based High Performance PVC Floor Coating Adhesive

Description:
Acrylic based, solvent-free, single component, multi-purpose dispersion floor coating adhesive for bonding of PVC and linoleum floor coatings to pre-leveled surfaces, **adheres fast** and **strongly**.

Application Areas:
- Indoor and in dry environments,
- Horizontal surfaces,
- Residential buildings,
- Hospitals,
- Educational facilities,
- Shopping malls, stores and markets,
- Bonding of homogenious and heterogenious PVC floor coatings,
- Bonding of linoleum based floor coatings,
- Bonding of rubber-based roll coatings,
- Bonding of PVC, foam, latex-based carpets, acoustic vinyl and textile insulation mats to leveled surfaces.

Advantages:
- Does not contain **solvent**.
- Can safely be used indoor as it is waterborne.
- Easy to spread and apply.
- Dries fast.
- Covers wider area in a short time.
- Can be applied on gypsum-based levelling compounds as well as cement based leveling compounds.
- Adheres well on the surface, provides excellent adhesion in a short time in the bonding of coating types that are difficult to adhere to.
- Can be used as a multi-purpose adhesive.
- Suitable for floor heating systems.
- Resistant to wheeled furniture.

Consumption:
250 - 350 g/m² (Varies depending on the type of comb used, application thickness, absorbency and smoothness of the floor, type of coating material and ambient conditions.)

Packaging:
20 kg plastic buckets

Technical Properties	
Appearance	: Grey colored flowable dispersion
Density	: 1.35 ± 0.05 kg/L
Gumming Time	: 10 - 15 minutes
Open Working Time	: 15 - 30 minutes
Time to Opening to Traffic	: 24 - 48 hours
Complete Curing Time	: 3 - 4 days
Application Temperature	: Between +15°C and +30°C
Service Temperature	: Between +5°C and +70°C

FLOORFIX® Flex 30

Acrylic Based Flexible PVC Floor Coating Adhesive

Description:
Acrylic based, solvent-free, single component, **flexible** dispersion floor coating adhesive for bonding of PVC and linoleum floor coatings to pre-leveled surfaces.

Application Areas:
- Indoor and in dry environments,
- Horizontal surfaces,
- Residential buildings,
- Hospitals,
- Educational facilities,
- Shopping malls, stores and markets,
- Bonding of homogenious and heterogenious PVC floor coatings,
- Bonding of linoleum based floor coatings,
- Bonding of rubber-based roll coatings.

Advantages:
- Does not contain **solvent**.
- Can safely be used indoor as it is waterborne.
- Easy to spread and apply.
- Offers long workability.
- Allows to correct errors that occur while the coating is placed thanks to its flexibility and re-adhesive ability.
- Can be applied on gypsum-based levelling compounds as well as cement based leveling compounds.
- Adheres well on the surface. Provides high adhesion strength.
- Suitable for floor heating systems.
- Resistant to wheeled furniture.

Consumption:
250 - 350 g/m² (Varies depending on the type of comb used, application thickness, absorbency and smoothness of the floor, type of coating material and ambient conditions.)

Packaging:
20 kg plastic buckets

Technical Properties	
Appearance	: Grey colored flowable dispersion
Density	: 1.35 ± 0.05 kg/L
Gumming Time	: 25 - 35 minutes
Open Working Time	: 35 - 45 minutes
Time to Opening to Traffic	: 24 - 48 hours
Complete Curing Time	: 3 - 4 days
Application Temperature	: Between +15°C and +30°C
Service Temperature	: Between +5°C and +70°C

Application instructions and technical data provided for the products are obtained in line with our experience and testing carried out according to international standards, under ambient temperatures of 23±2°C and ambient relative humidity conditions of 50%±5. Higher temperatures decrease while lower temperatures increase these durations.

FLOORFIX® Tacky 25

Acrylic Based Flexible PVC Floor Coating Adhesive

Description:
Acrylic based, solvent-free, single component, **flexible** dispersion floor coating adhesive with **improved stickiness** for bonding of PVC and linoleum floor coatings to pre-leveled surfaces. Offers **long workability**.

Application Areas:
- Indoor and in dry environments,
- Horizontal surfaces,
- Residential buildings,
- Hospitals,
- Educational facilities,
- Shopping malls, stores and markets,
- Bonding of homogenious and heterogenious PVC floor coatings,
- Bonding of linoleum based floor coatings,
- Bonding rubber-based roll coatings.

Advantages:
- Does not contain **solvent**.
- Can safely be used indoor as it is waterborne.
- Easy to spread and apply.
- Has long workability, protects its bonding properties for long time.
- Allows to correct errors that occur while the coating is placed thanks to flexibility and re-adhesive ability.
- Remains sticky even the next day.
- Can be applied on gypsum-based levelling compounds as well as cement based leveling compounds.
- Adheres well on the surface. Provides high adhesion strength.
- Suitable for floor heating systems.
- Resistant to wheeled furniture.

Consumption:
250 - 350 g/m^2 (Varies depending on the type of comb used, application thickness, absorbency and smoothness of the floor, type of coating material and ambient conditions.)

Packaging:
20 kg plastic buckets

Technical Properties	
Appearance	: Grey colored flowable dispersion
Density	: 1.35 ± 0.05 kg/L
Gumming Time	: 25 - 30 minutes
Open Working Time	: 40 - 60 minutes
Time to Opening to Traffic	: 24 - 48 hours
Complete Curing Time	: 3 - 4 days
Application Temperature	: Between +15°C and +30°C
Service Temperature	: Between +5°C and +70°C

FLOORFIX® Eco 20

Acrylic Based PVC Floor Coating Adhesive

Description:
Acrylic based, solvent-free, single component, dispersion floor coating adhesive for bonding of PVC and linoleum floor coatings to pre-leveled surfaces.

Application Areas:
- Indoor and in dry environments,
- Horizontal surfaces,
- Residential buildings,
- Hospitals,
- Educational facilities,
- Shopping malls, stores and markets,
- Bonding of homogenious and heterogenious PVC floor coatings,
- Bonding of linoleum based floor coatings,
- Bonding of rubber-based roll coatings.

Advantages:
- Does not contain **solvent**.
- Can safely be used indoor as it is waterborne.
- Easy to spread and apply.
- Odorless.
- Offers long workability.
- Can be applied on gypsum-based levelling compounds as well as cement based leveling compounds.
- Adheres well on the surface.
- Suitable for floor heating systems.
- Resistant to wheeled furniture.
- Economical.

Consumption:
250 - 350 g/m^2 (Varies depending on the type of comb used, application thickness, absorbency and smoothness of the floor, type of coating material and ambient conditions.)

Packaging:
20 kg plastic buckets

Technical Properties	
Appearance	: Grey colored flowable dispersion
Density	: 1.35 ± 0.05 kg/L
Gumming Time	: 20 - 25 minutes
Open Working Time	: 25 - 35 minutes
Time to Opening to Traffic	: 24 - 48 hours
Complete Curing Time	: 3 - 4 days
Application Temperature	: Between +15°C and +30°C
Service Temperature	: Between +5°C and +70°C

REPOX® A

Solvent-Free Epoxy Surface Primer

Description:
Epoxy resin based, double component, **solvent-free**, epoxy **surface primer** with film-forming properties for concrete and cement based mineral surfaces. It can be used for penetration and priming purposes prior to applying epoxy and polyurethane based floor coatings and paint materials.

Application Areas:
- Indoor and outdoor,
- As a primer under the coatings in hygienic environments such as hospitals and laboratories, in food, medicine, paint industries, printing houses, industrial kitchens, airplane maintenance hangars, factories, places where heavy forklift trucks are used, water treatment facilities, places exposed to chemical corrosion, warehouses, terminals, shopping malls, schools and indoor parking lots,
- As filler and repair mortar when mixed with appropriate aggregate,
- As a primer under **REPOX** epoxy based and **POLAN** polyurethane based floor coatings.

Advantages:
- Penetrates deeply and fills the capillary voids on the concrete surface. Provides perfect penetration and adherence.
- Functions as a bonding bridge for epoxy and polyurethane coatings, paints and repair mortars which will be applied on it.
- Resistant to chemicals and inorganic acids, has high mechanical strength. Does not contain **solvent**.

Consumption:
150 - 400 g/m^2 (for 140 - 370 µ thickness) According to system solutions, the method of primer application and its consumption vary depending on the surface's absorption, roughness and application method.

Packaging:
Sets of 7 kg and 20 kg (A+B) tin buckets

Technical Properties		
Appearance - Color	: Component A (Resin): Liquid - transparent : Component B (Hardener): Liquid - yellow	
Packaging (7 kg)	: Comp. A: 4.76 kg, Comp. B: 2.24 kg	
Packaging (20 kg)	: Comp. A: 13.60 kg, Comp. B: 6.40 kg	
Solid Content	: 100% by wt., 100% by vol. (EN ISO 3251)	
Mixture Density	: 1.08 ± 0.03 g/cm^3 (TS EN ISO 2811-2)	
Mixture Viscosity	: 350 ± 70 mPas (TS EN ISO 3219-2)	
Application Temperature	: Between +10°C and 30°C	
Hardness (Shore D)	: 75 ± 3 (TS EN ISO 868) 7 days	
Compressive Strength	: ≥ 65 N/mm^2 (TS EN 12190) 7 days	
Flexural Strength	: ≥ 35 N/mm^2 (TS EN 12190) 7 days	
Adhesion Strength	: ≥ 2 N/mm^2 - Fracture within the concrete substrate (TS EN 1542) 7 days	
Pot Life (20 kg)	: Temperature	Duration (TS EN ISO 9514)
	10°C	60 minutes
	20°C	30 minutes
	30°C	20 minutes
Tack-Free Time	: 6 - 7 hours (23°C TS 4317)	
Recoating Time	: 12 - 24 hours (23°C TS 4317)	
Complete Curing Time	: 7 days (23°C TS 4317)	
Service Temperature	: Between -10°C and +60°C	

Application instructions and technical data provided for the products are obtained in line with our experience and testing carried out according to international standards, under ambient temperatures of 23±2°C and ambient relative humidity conditions of 50%±5. Higher temperatures decrease while lower temperatures increase these durations.

REPOX® AD

Solvent-Free Epoxy Primer with Filler

Description:
Epoxy resin based, double component, **solvent-free**, epoxy **floor primer** with **filler** for concrete and cement based mineral surfaces.

Application Areas:
- Indoor and outdoor,
- As a primer under the coatings in hygienic environments such as hospitals and laboratories, in food, medicine, paint industries, printing houses, industrial kitchens, airplane maintenance hangars, factories, places where heavy forklift trucks are used, water treatment facilities, places exposed to chemical corrosion, warehouses, terminals, shopping malls, schools and indoor parking lots,
- As a mid-coat with the addition of aggregate,
- As filler and repair mortar when mixed with appropriate aggregate,
- As a primer under **REPOX** epoxy based and **POLAN** polyurethane based floor coatings.

Advantages:
- Easy to apply in construction site at it has fillers. Adheres perfectly on cement based surfaces.
- Functions as a bonding bridge for epoxy and polyurethane coatings, paints and repair mortars which will be applied on it.
- Resistant to chemicals and inorganic acids, has high mechanical strength. Does not contain **solvent**.

Consumption:
250 - 500 g/m² (for 185 - 370 µ thickness) According to system solutions, the method of primer application and its consumption vary depending on the surface's absorption, roughness and application method.

Packaging:
Sets of 25 kg (A+B) tin buckets

Technical Properties	
Appearance - Color	: Component A (Resin): Liquid - brown Component B (Hardener): Liquid - yellow
Packaging	: Comp. A: 20.16 kg, Comp. B: 4.84 kg
Mixture Density	: 1.35 ± 0.04 kg/cm³ (TS EN ISO 2811-2)
Mixture Viscosity	: 600 ± 120 mPas (TS EN ISO 3219-2)
Application Temperature	: Between +10°C and +30°C
Hardness (Shore D)	: 75 ± 3 (TS EN ISO 868) 7 days
Compressive Strength	: ≥ 50 N/mm² (TS EN 12190) 7 days
Flexural Strength	: ≥ 20 N/mm² (TS EN 12190) 7 days
Adhesion Strength	: ≥ 2 N/mm²- Fracture within the concrete substrate (TS EN 1542) 7 days
Pot Life (25 kg)	: Temperature — Duration (TS EN ISO 9514) 10°C — 60 minutes 20°C — 30 minutes 30°C — 20 minutes
Tack-Free Time	: 5 - 6 hours (23°C TS 4317)
Recoating Time	: 12 - 24 hours (23°C TS 4317)
Complete Curing Time	: 7 days (23°C TS 4317)
Service Temperature	: Between -10°C and +60°C

REPOX® AH

Solvent-Free Moisture Tolerant Epoxy Surface Primer

Description:
Epoxy resin based, double component, **solvent-free**, low viscosity, **moisture tolerant epoxy surface primer** for concrete and cement based mineral surfaces.

Application Areas:
- Indoor and outdoor,
- Protects the coatings applied on top from water evaporation coming from the substrate and can be applied on damp surfaces,
- As a primer under the coatings in hygienic environments such as hospitals and laboratories, in food, medicine, paint industries, printing houses, industrial kitchens, airplane maintenance hangars, factories, places where heavy forklift trucks are used, water treatment facilities, places exposed to chemical corrosion, warehouses, terminals, shopping malls, schools and indoor parking lots,
- As a primer under **REPOX** epoxy based and **POLAN** polyurethane based floor coatings.

Advantages:
- Adheres perfectly on cement based **moist surfaces** and functions as a bonding bridge for epoxy coatings and paints which will be applied on it.
- Penetrates deeply and fills the capillary voids on the concrete surfaces, forms a vapor-impermeable layer.
- Resistant to chemicals and inorganic acids, has high mechanical strength. Does not contain **solvent**.

Consumption:
150 - 400 g/m² (for 140 - 370 µ thickness) According to system solutions, the method of primer application and its consumption vary depending on the surface's absorption, roughness and application method.

Packaging:
Sets of 20 kg (A+B) tin buckets

Technical Properties	
Appearance - Color	: Component A (Resin): Liquid - transparent Component B (Hardener): Liquid - brown
Packaging	: Comp. A: 12.82 kg, Comp. B: 7.18 kg
Solid Content	: 100% by wt., 100% by vol. (EN ISO 3251)
Mixture Density	: 1.05 ± 0.03 g/cm³ (TS EN ISO 2811-2)
Mixture Viscosity	: 550 ± 110 mPas (TS EN ISO 3219-2)
Application Temperature	: Between +10°C and +30°C
Hardness (Shore D)	: 70 ± 3 (TS EN ISO 868) 7 days
Compressive Strength	: ≥ 55 N/mm² (TS EN 12190) 7 days
Flexural Strength	: ≥ 45 N/mm² (TS EN 12190) 7 days
Adhesion Strength	: ≥ 2 N/mm² - Fracture within the concrete substrate (TS EN 1542) 7 days
Pot Life (20 kg)	: Temperature — Duration (TS EN ISO 9514) 10°C — 70 minutes 20°C — 35 minutes 30°C — 20 minutes
Tack-Free Time	: 5 - 6 hours (23°C TS 4317)
Recoating Time	: 12 - 24 hours (23°C TS 4317)
Complete Curing Time	: 7 days (23°C TS 4317)
Application Temperature	: Between -10°C and +60°C

REPOX® CAP

Solvent-Free Epoxy Ceramic Bonding Primer

Description:
Epoxy resin based, double component, **solvent-free**, non-absorbent **ceramic bonding** primer which contains silica sand. Used on ceramics and functions as a bonding bridge for epoxy and polyurethane coatings or paints which will be applied on it.

Application Areas:
- Indoor and outdoor,
- As a bonding primer under the epoxy coatings in places with ceramic surfaces like hygienic environments such as hospitals and laboratories, in food, medicine, paint industries, industrial kitchens, factories, warehouses, terminals, shopping malls, schools.

Advantages:
- Does not contain solvent.
- Adheres perfectly on glazed surfaces such as ceramic and tiles.
- Functions as a bonding bridge for epoxy, polyurethane coatings and paints which will be applied on it.
- Resistant to chemicals and inorganic acids, has high mechanical strength.

Consumption:
50 - 100 g/m² (for 50 - 100 µ thickness) According to system solutions, the method of primer application and its consumption vary depending on the surface's absorption, roughness and application method.

Packaging:
Sets of 20 kg (A+B) tin buckets

Technical Properties	
Appearance - Color	: Component A (Resin): Liquid - transparent Component B (Hardener): Liquid - light yellow
Packaging	: Component A: 14 kg, Component B: 6 kg
Mixture Density	: 1.08 ± 0.05 g/cm³ (TS EN ISO 2811-2)
Mixture Viscosity	: 450 ± 150 mPas (TS EN ISO 3219-2)
Application Temperature	: Between +10°C and +30°C
Hardness (Shore D)	: 75 ± 3 (TS EN ISO 868) 7 days
Pot Life (20 kg)	: Temperature — Duration (TS EN ISO 9514) 10°C — 90 minutes 20°C — 50 minutes 30°C — 30 minutes
Tack-Free Time	: 8 - 10 hours (23°C TS 4317)
Recoating Time	: (Solvent-free coatings) max. 24 hours (23°C TS 4317) (Solvent containing coatings) 36 hours (23°C TS 4317)
Complete Curing Time	: 7 days (23°C TS 4317)
Service Temperature	: Between -10°C and +60°C

Application instructions and technical data provided for the products are obtained in line with our experience and testing carried out according to international standards, under ambient temperatures of 23±2°C and ambient relative humidity conditions of 50%±5. Higher temperatures decrease while lower temperatures increase these durations.

REPOX® AW

Waterborne Epoxy Surface Primer

Description:
Epoxy resin based, double component, **waterborne epoxy surface primer** for concrete and cement based mineral surfaces.

Application Areas:
- Indoor, floors and walls,
- As a primer under the coatings in hygienic environments such as hospitals (especially operation room walls) and laboratories, in food and chemical industries, water tanks, terminals, shopping malls, schools, tunnels and indoor parking lots,
- As a primer under **REPOX** epoxy based and **POLAN** polyurethane based floor coatings.

Advantages:
- Waterborne, odorless.
- Does not contain **solvent** and harmful chemicals.
- Adheres and penetrates perfectly on cement based surfaces and prevents dusting.
- Functions as a bonding bridge for epoxy, polyurethane coatings and paints which will be applied on it.
- Can be diluted with water.
- Has high mechanical strength.

Consumption:
100 - 200 g/m² (for 90 - 180 µ thickness) According to system solutions, the method of primer application and its consumption vary depending on the surface's absorption, roughness and application method.

Packaging:
Sets of 20 kg (A+B) tin buckets

Technical Properties		
Appearance - Color	: Component A (Resin): Liquid - transparent Component B (Hardener): Liquid - transparent	
Packaging	: Component A: 7 kg, Component B: 13 kg	
Mixture Density	: 1.12 ± 0.05 g/cm³ (TS EN ISO 2811-2)	
Mixture Viscosity	: 600 ± 200 mPas (TS EN ISO 3219-2)	
Application Temperature	: Between +10°C and +30°C	
Adhesion Strength	: ≥ 2 N/mm² - Fracture within the concrete substrate (TS EN 1542) 7 days	
Pot Life (20 kg)	: Temperature	Duration (TS EN ISO 9514)
	10°C	150 minutes
	20°C	80 minutes
	30°C	40 minutes
Tack-Free Time	: 18 - 20 hours (23°C TS 4317)	
Complete Curing Time	: 7 days (23°C TS 4317)	
Service Temperature	: Between -10°C and +60°C	

REPOX® AC

Solvent-Free, Colored Epoxy Mid-Coat for Floors

Description:
Epoxy resin based, double component, **solvent-free**, colored, **mid-coat** material developed to use under final floor coatings.

Application Areas:
- Indoor, horizontal applications,
- Hygienic environments such as hospitals and laboratories,
- Medicine, paint, paper and food industries,
- Laundries, industrial kitchens and cafeterias,
- Places exposed to heavy pedestrian traffic, such as shopping malls, shops, terminals, exhibition halls,
- Places exposed to heavy vehicle traffic, such as factories, warehouses, indoor parking lots, aircraft hangars,
- Offices and workplaces,
- As a mid-coat layer under **REPOX** epoxy based and **POLAN** polyurethane based floor coatings.

Advantages:
- Allows achieving the desired thickness before applying the topcoat.
- Ensures color consistency in case of wear, as it has the same color as the topcoat epoxy and polyurethane coatings and paints.
- Resistant to many chemicals and inorganic acids.
- Has high mechanical strength. Does not contain **solvent**.
- Can be filled with silica or quartz aggregates.

Consumption:
500 - 700 g/m² (for 320 - 450 µ thickness) According to system solutions, the method of primer application and its consumption vary depending on the surface's absorption, roughness and application method.

Packaging:
Sets of 25 kg (A+B) tin buckets

Technical Properties		
Appearance - Color	: Comp. A (Resin): Liquid - RAL K7 colors* Comp. B (Hardener): Liquid - yellow	
Packaging	: Comp. A: 21.37 kg, Comp. B: 3.63 kg	
Mixture Density	: 1.55 ± 0.05 g/cm³ (TS EN ISO 2811-2)	
Mixture Viscosity	: 2000 ± 400 mPas (TS EN ISO 3219-2)**	
Application Temperature	: Between +10°C and +30°C	
Hardness (Shore D)	: 80 ± 3 (TS EN ISO 868) 7 days	
Compressive Strength	: ≥ 55 N/mm² (TS EN 12190) 7 days	
Flexural Strength	: ≥ 30 N/mm² (TS EN 12190) 7 days	
Adhesion Strength	: ≥ 2 N/mm² - Fracture within the concrete substrate (TS EN 1542) 7 days	
Pot Life (25 kg)	: Temperature	Duration (TS EN ISO 9514)
	10°C	70 minutes
	20°C	35 minutes
	30°C	20 minutes
Tack-Free Time	: 7 - 8 hours (23°C TS 4317)	
Recoating Time	: 12 - 24 hours (23°C TS 4317)	
Complete Curing Time	: 7 days (23°C TS 4317)	
Service Temperature	: Between -10°C and +60°C	

* Standard RAL K7 colors (excluding metallic, fluorescent colors and colors starting with 4000)
** Test results are based on RAL 7035. Viscosity may vary in different colors.

REPOX® 510

Solvent-Free Self-Levelling Epoxy Floor Coating

Description:
Epoxy resin based, double component, **solvent-free**, colored, **self-levelling floor coating** material with high chemical and mechanical resistance and finishes with a **flat surface**.

Application Areas:
- Indoor, horizontal applications,
- Hygienic environments such as hospitals and laboratories,
- Pharmaceutical, paint, paper and food industries,
- Laundries, industrial kitchens and cafeterias,
- Places exposed to heavy pedestrian traffic, such as shopping malls, shops, terminals, exhibition halls,
- Places exposed to heavy vehicle traffic, such as factories, warehouses, indoor parking lots, aircraft hangars,
- Offices and workplaces.

Advantages:
- Resistant to many chemicals and inorganic acids.
- Has high mechanical and abrasion resistance.
- Silica or quartz filler can be added.
- Hygienic and suitable for sterilised conditions. Does not contain **solvent**.
- Can easily be cleaned thanks to its smooth surface.
- Creates a seamless surface with a hard glass-like appearance.

Consumption:
1.50 kg/m² for 1 mm thickness. In self-levelling coatings, the thickness should be minimum 1.25 mm. According to system solutions, the method of application and its consumption vary depending on the surface's absorption, roughness and application method.

Packaging:
Sets of 25 kg (A+B) tin buckets

Technical Properties		
Appearance - Color	: Comp. A (Resin): Liquid - RAL K7 colors* Comp. B (Hardener): Liquid - light yellow	
Packaging	: Comp. A: 20.76 kg, Comp. B: 4.24 kg	
Mixture Density	: 1.50 ± 0.05 g/cm³ (TS EN ISO 2811-2)	
Mixture Viscosity	: 1800 ± 360 mPas (TS EN ISO 3219-2)**	
Application Temperature	: Between +10°C and +30°C	
Hardness (Shore D)	: 75 ± 3 (TS EN ISO 868) 7 days	
Compressive Strength	: ≥ 50 N/mm² (TS EN 12190) 7 days	
Flexural Strength	: ≥ 35 N/mm² (TS EN 12190) 7 days	
Adhesion Strength	: ≥ 2 N/mm² - Fracture within the concrete substrate (TS EN 1542) 7 days	
Pot Life (25 kg)	: Temperature	Duration (TS EN ISO 9514)
	10°C	50 minutes
	20°C	25 minutes
	30°C	15 minutes
Tack-Free Time	: 6 - 7 hours (23°C TS 4317)	
Recoating Time	: 12 - 24 hours (23°C TS 4317)	
Complete Curing Time	: 7 days (23°C TS 4317)	
Service Temperature	: Between -10°C and +60°C	

* Standard RAL K7 colors (excluding metallic, fluorescent colors and colors starting with 4000)
** Test results are based on RAL 7035. Viscosity may vary in different colors.

Application instructions and technical data provided for the products are obtained in line with our experience and testing carried out according to international standards, under ambient temperatures of 23±2°C and ambient relative humidity conditions of 50%±5. Higher temperatures decrease while lower temperatures increase these durations.

REPOX® 520

Solvent-Free Textured Epoxy Floor Coating

Description:
Epoxy resin based, double component, **solvent-free**, **thixotropic**, colored **floor coating** material with an **orange peel appearance (textured)**.

Application Areas:
- Indoor,
- Horizontal applications, in places where slip resistance is required,
- Places exposed to heavy vehicle traffic, such as factories, warehouses and indoor parking lots,
- Places exposed to heavy pedestrian traffic, such as shopping malls, shops, terminals and exhibition halls,
- Pharmaceutical, paint, paper and food industries,
- Laundries, industrial kitchens and cafeterias,
- Aircraft maintenance hangars,
- Offices and workplaces.

Advantages:
- Provides non-slip properties to coating thanks to its textured surface.
- Has high mechanical and abrasion resistance.
- Resistant to many chemicals and inorganic acids.
- Hygienic and suitable for sterilised conditions. Does not contain **solvent**.
- Creates a seamless surface.

Consumption:
450 - 600 g/m² in single layer (280 - 375 µ dry film thickness). According to system solutions, the method of application and its consumption vary depending on the surface's absorption, roughness and application method.

Packaging:
Sets of 25 kg (A+B) tin buckets

Technical Properties		
Appearance - Color	: Comp. A (Resin): Thix. liquid - RAL K7 colors* Comp. B (Hardener): Liquid - light yellow	
Packaging	: Comp. A: 21.65 kg, Comp. B: 3.35 kg	
Mixture Density	: 1.60 ± 0.05 g/cm³ (TS EN ISO 2811-2)	
Mixture Viscosity	: 6000 ± 1200 mPas (TS EN ISO 3219-2)**	
Application Temperature	: Between +10°C and +30°C	
Hardness (Shore D)	: 70 ± 3 (TS EN ISO 868) 7 days	
Compressive Strength	: ≥ 35 N/mm² (TS EN 12190) 7 days	
Flexural Strength	: ≥ 20 N/mm² (TS EN 12190) 7 days	
Adhesion Strength	: ≥ 2 N/mm² - Fracture within the concrete substrate (TS EN 1542) 7 days	
Pot Life (25 kg)	: Temperature	Duration (TS EN ISO 9514)
	10°C	60 minutes
	20°C	30 minutes
	30°C	15 minutes
Tack-Free Time	: 6 - 7 hours (23°C TS 4317)	
Recoating Time	: 12 - 24 hours (23°C TS 4317)	
Complete Curing Time	: 7 days (23°C TS 4317)	
Service Temperature	: Between -10°C and +60°C	

* Standard RAL K7 colors (excluding metallic, fluorescent colors and colors starting with 4000)
** Test results are based on RAL 7035. Viscosity may vary in different colors.

REPOX® 550

Epoxy Paint and Coating

Description:
Epoxy resin based, double component, **solvent-free**, colored, easy-to-clean, durable **paint** and **coating** material with high surface hardness, high chemical and mechanical resistance.

Application Areas:
- Indoor, on concrete and metal surfaces,
- As a paint on machinery, buildings and building parts made of metal,
- Water tanks,
- Hygienic places such as hospitals and laboratories,
- Pharmaceutical, paint, paper and food industries,
- Laundries, industrial kitchens and cafeterias,
- Places exposed to heavy pedestrian traffic, such as shopping malls, shops, terminals, exhibition halls,
- Places exposed to heavy vehicle traffic, such as factories, warehouses, indoor parking lots, aircraft hangars,
- Offices and workplaces.

Advantages:
- Has high mechanical and abrasion resistance.
- Does not contain **solvent**.
- Resistant to chemicals and inorganic acids.
- Hygienic and suitable for sterilised conditions, easy to clean.
- Has high surface hardness.

Consumption:
200 - 400 g/m² in single layer (125 - 250 µ dry film thickness). According to system solutions, the method of application and its consumption vary depending on the surface's absorption, roughness and application method.

Packaging:
Sets of 25 kg (A+B) tin buckets

Technical Properties		
Appearance - Color	: Comp. A (Resin): Liquid - RAL K7 colors* Comp. B (Hardener): Liquid - light yellow	
Packaging	: Comp. A: 21.50 kg, Comp. B: 3.50 kg	
Mixture Density	: 1.60 ± 0.05 g/cm³ (TS EN ISO 2811-2)	
Mixture Viscosity	: 4000 - 9000 mPas (TS EN ISO 3219-2)**	
Application Temperature	: Between +10°C and +30°C	
Hardness (Shore D)	: 75 ± 3 (TS EN ISO 868) 7 days	
Compressive Strength	: ≥ 50 N/mm² (TS EN 12190) 7 days	
Flexural Strength	: ≥ 35 N/mm² (TS EN 12190) 7 days	
Adhesion Strength	: ≥ 2 N/mm² - Fracture within the concrete substrate (TS EN 1542) 7 days	
Pot Life (25 kg)	: Temperature	Duration (TS EN ISO 9514)
	10°C	90 minutes
	20°C	50 minutes
	30°C	30 minutes
Tack-Free Time	: 6 - 7 hours (23°C TS 4317)	
Recoating Time	: 12 - 24 hours (23°C TS 4317)	
Complete Curing Time	: 7 days (23°C TS 4317)	
Service Temperature	: Between -10°C and +60°C	

* Standard RAL K7 colors (excluding metallic, fluorescent colors and colors starting with 4000)
** Test results are based on RAL 7035. Viscosity may vary in different colors.

REPOX® 560WB

Waterborne Epoxy Paint and Coating

Description:
Epoxy resin based, double component, **waterborne**, colored, easy-to-clean, water vapor permeable **paint** and **coating** material.

Application Areas:
- Indoor, on concrete floors where a dust-free surface is required,
- As paint on smooth-surfaced walls,
- Hygienic places such as hospitals and laboratories,
- Walls in food industry,
- Shopping malls, terminals and schools,
- Factories, warehouses, tunnels and indoor parking lots.

Advantages:
- Waterborne, odorless. Does not contain **solvent** and harmful chemicals.
- Can be applied on wet concrete surfaces, does not require primer.
- Hygienic and suitable for sterilised conditions. Can be diluted with water.
- Has permanent semi opaque surface.
- Has high mechanical strength against light and moderate loads.

Consumption:
150 - 250 g/m² in every layer (115 - 195 µ dry film thickness). According to system solutions, the method of application and its consumption vary depending on the surface's absorption, roughness and application method.

Packaging:
Sets of 25 kg (A+B) tin buckets

Technical Properties		
Appearance - Color	: Comp. A (Resin): Liquid - RAL K7 colors* Comp. B (Hardener): Liquid - transparent	
Packaging	: Component A: 15 kg, Component B: 10 kg	
Solid Content (Mixture)	: 75% ± 4 by weight, 66% ± 4 by volume	
Mixture Density	: 1.30 ± 0.05 g/cm³ (TS EN ISO 2811-2)	
Mixture Viscosity	: 4000 ± 800 mPas (TS EN ISO 3219-2)**	
Application Temperature	: Between +10°C and +30°C	
Adhesion Strength	: ≥ 2 N/mm² - Fracture within the concrete substrate (TS EN 1542) 7 days	
Pot Life (25 kg)	: Temperature	Duration (TS EN ISO 9514)
	10°C	170 minutes
	20°C	90 minutes
	30°C	50 minutes
Tack-Free Time	: 18 - 20 hours (23°C TS 4317)	
Recoating Time	: Max. 24 hours (23°C TS 4317)	
Complete Curing Time	: 7 days (23°C TS 4317)	
Service Temperature	: Between -10°C and +60°C	

* Limited color options
** Test results are based on RAL 7035. Viscosity may vary in different colors.

Application instructions and technical data provided for the products are obtained in line with our experience and testing carried out according to international standards, under ambient temperatures of 23±2°C and ambient relative humidity conditions of 50%±5. Higher temperatures decrease while lower temperatures increase these durations.

POLAN® 590

Polyurethane Flexible Self-Levelling Coating

Description:
Polyurethane based, double component, solvent-free, **self-levelling**, **flexible floor coating** material with mechanical strength.

Application Areas:
- Indoor and outdoor,
- Horizontal applications,
- Hygienic places such as hospitals and laboratories,
- Food and medicine industries,
- Swimming and decorative pools,
- Places exposed to heavy vehicle and pedestrian traffic, such as shopping malls, factories, ateliers, warehouses, cold storage rooms.

Advantages:
- Can be safely used indoor as it does not contain **solvent**.
- Flexible, covers cracks on the surface.
- Gives better results in surfaces that are exposed to resonance.
- Forms a seamless and jointless surface, resistant to aging.
- Has high mechanical and abrasion resistance.
- Hygienic, suitable for sterilised environments, does not require maintenance.
- Easy to clean thanks to its smooth surface.

Consumption:
1.45 kg/m^2 for 1 mm dry film thickness (Varies depending on the surface's absorption, roughness and application method. Do not consume less than 0.7 kg/m^2.)

Packaging:
Sets of 25 kg (A+B) tin buckets

Technical Properties	
Components	: A: Polyurethane resin, B: Hardener
Appearance-Color	: Standard RAL colors (Except metallic, fluorescent colors and colors beginning with 4000)
Mixing Ratio	: Component A: 20 kg, Component B: 5 kg
Mixture Density	: 1.45 ± 0.05 kg/L (23°C TS EN ISO 2811-1)
Compressive Strength	: 35 - 45 N/mm^2 (DIN 53504 TS 1967) 7 days
Flexural Strength	: 10 - 18 N/mm^2 (DIN 52371 TS 985) 7 days
Bond Strength by Pull-off	: > 2 N/mm^2 (EN 1504-2) 7 days
Tensile Elongation	: > 60% (DIN 53504 TS 1967) 7 days
Abrasion Resistance (Taber)	: < 60 mg, 1000 cycle (EN 1504-2)
Impact Resistance	: Class III (EN 1504-2)
Capillary Absorption and Water Permeability	: w < 0.1 kg/(m^2.h$^{0.5}$) (EN 1062-3)
Solid Content (Mixture)	: By weight 100%, by volume 100%
Hardness (Shore A)	: 80 ± 5 (ASTM D 2240, DIN 53505)
Pot Life	: 30 - 40 minutes (23°C, 200 g, DIN 16945)
Application Temperature	: Between +10°C and +30°C
Dirt Pick-up Time	: 1 - 2 hours (23°C TS 4317)
Tack Free Time	: 5 - 7 hours (23°C TS 4317)
Time to Use	: 72 hours (23°C TS 4317)
Recoating Time	: No later than 24 hours from primer application (23°C TS 4317)
Complete Curing Time	: 7 days (23°C TS 4317)

POLAN® AF

Polyurethane Aliphatic Top Coat Paint (UV Resistant)

Description:
Polyurethane/aliphatic isocyanate based, double component, solventborne, **UV resistant**, **glossy** top coat paint which is resistant to scratching with high color stability and mechanical resistance.

Application Areas:
- Indoor and outdoor,
- Horizontal and vertical applications,
- Concrete, steel and wooden surfaces,
- Epoxy and polyurethane coatings,
- Outer surfaces of vehicles such as tanks, tankers and concrete mixers,
- As the top coat in places open to atmopheric conditions where high UV resistance, color permanency and glossiness is required.

Advantages:
- Has color stability. Resistant to **UV**. Does not turn to yellow.
- Resistant to atmopheric conditions.
- Glossy.
- Flexible, covers cracks on the surface.
- Resistant to scratches, resistant to aging.
- Resistant to salt water, salt solutions, bases, diluted weak acids, gasoline and mineral oils.
- Forms a seamless and jointless surface, does not require maintenance.
- Easy to apply with an airless spray gun or roller.
- Easy to clean thanks to its smooth surface.

Consumption:
80 - 150 g/m^2 for maximum 80 µ thickness in single layer. (Varies depending on the surface's absorption, roughness and application method. Recommended to apply minimum 2 layers.)

Packaging:
Sets of 20 kg (A+B) tin buckets

Technical Properties	
Components	: A: Polyurethane resin, B: Hardener
Appearance-Color	: Standard glossy RAL colors (Except metallic and fluorescent colors)
Mixing Ratio	: Component A: 16 kg, Component B: 4 kg
Mixture Density	: 1.25 ± 0.05 kg/L (23°C TS EN ISO 2811-1)*
Mixture Viscosity	: 100 - 1100 mPas (23°C)*
Bond Strength by Pull-off	: > 2 N/mm^2 (EN 1504-2) 7 days
Abrasion Resistance (Taber)	: 75 mg, 1000 cycle (EN 1504-2)
Impact Resistance	: Class III (EN 1504-2)
Capillary Absorption and Water Permeability	: w < 0.1 kg/(m^2.h$^{0.5}$) (EN 1062-3)
Solid Content (Mixture)	: By weight 78% ± 2, by volume 67% ± 2*
Flash Point	: > 21°C
Pot Life	: 4 - 6 hours (23°C, 200 g)
Application Temperature	: Between +10°C and +30°C
Dirt Pick-up Time	: 20 minutes (23°C)
Tack Free Time	: 60 minutes (23°C)
Time to Use	: 8 hours (23°C)
Recoating Time	: No later than 24 hours from primer application (23°C TS 4317)
Complete Curing Time	: 7 days (23°C TS 4317)

* Mixture density, solid content (mixture) and viscosity may vary in different colors.

POLAN® AFM

Polyurethane Aliphatic Top Coat Paint Semi-Matte Finish (UV Resistant)

Description:
Polyurethane/aliphatic isocyanate based, double component, solventborne, mechanically resistant, **UV resistant**, **semi-matte** top coat paint with high color stability and resistance to scratching.

Application Areas:
- Indoor and outdoor,
- Horizontal and vertical applications,
- Concrete, steel and wooden surfaces,
- Epoxy and polyurethane coatings,
- Floor coatings of sports fields,
- Outer surfaces of vehicles such as tanks, tankers and concrete mixers,
- Applications where glossiness is not required (semi-matte),
- As the top coat in places open to atmopheric conditions where high UV resistance, color permanency and semi-matte looking is required.

Advantages:
- Has semi-matte appearance.
- Has color stability. Resistant to **UV.** Does not turn to yellow.
- Resistant to atmopheric conditions.
- Flexible, covers cracks on the surface.
- Resistant to scratches, resistant to aging.
- Resistant to salt water, salt solutions, bases, diluted weak acids, gasoline and mineral oils.
- Forms a seamless and jointless surface, does not require maintenance.
- Easy to apply with an airless spray gun or roller.
- Easy to clean thanks to its smooth surface.

Consumption:
90 - 150 g/m^2 for maximum 80 µ thickness in single layer (Varies depending on the surface's absorption, roughness and application method. Recommended to apply minimum 2 layers.)

Packaging:
Sets of 24 kg (A+B) tin buckets

Technical Properties	
Components	: A: Polyurethane resin, B: Hardener
Appearance-Color	: Standard semi-matte RAL colors (Except metallic and fluorescent colors)
Mixing Ratio	: Component A: 20 kg, Component B: 4 kg
Mixture Density	: 1.35 ± 0.05 kg/L (23°C TS EN ISO 2811-1)*
Mixture Viscosity	: 100 - 1100 mPas (23°C)*
Bond Strength by Pull-off	: > 2 N/mm^2 (EN 1504-2) 7 days
Abrasion Resistance (Taber)	: 75 mg, 1000 cycle (EN 1504-2)
Impact Resistance	: Class III (EN 1504-2)
Capillary Absorption and Water Permeability	: w < 0.1 kg/(m^2.h$^{0.5}$) (EN 1062-3)
Solid Content (Mixture)	: By weight 78% ± 2, by volume 67% ± 2*
Flash Point	: > 21°C
Pot Life	: 4 - 6 hours (23°C, 200 g)
Application Temperature	: Between +10°C and +30°C
Dirt Pick-up Time	: 20 minutes (23°C)
Tack Free Time	: 60 minutes (23°C)
Time to Use	: 8 hours (23°C)
Recoating Time	: No later than 24 hours from primer application (23°C TS 4317)
Complete Curing Time	: 7 days (23°C TS 4317)

* Mixture density, solid content (mixture) and viscosity may vary in different colors.

Application instructions and technical data provided for the products are obtained in line with our experience and testing carried out according to international standards, under ambient temperatures of 23±2°C and ambient relative humidity conditions of 50%±5. Higher temperatures decrease while lower temperatures increase these durations.

DUROPAINT®
Floor Paint

Description:
Chlorinated rubber resin based, thixotropic, cold and thick applied **marking** and **floor** paint.

Application Areas:
- Indoor and outdoor,
- Painting and marking parking garages, motorways (light traffic), pedestrian ways and curbsides,
- Factory floors where chemical resistance is not required extensively,
- Sport areas and playgrounds,
- Hotels, laundries and service areas.

Advantages:
- Economical compared to epoxy based paints.
- Does not require primer.
- Since it is single component, it is easy to use, saves time and labor.
- Forms a thick and a high abrasion resistant surface.
- Easily wiped and washed. Does not scratch and does not allow dirt pick-up.
- Dries fast (in 90 minutes) and the painted area gets ready for use quickly.

Consumption:
Approximately 250 g/m^2 on each layer (Varies depending on the surface's absorption, roughness.) Minimum 2 layers are applied.

Packaging:
25 kg tin buckets

Colors:

RAL Code	Colors
9010	White
6002	Green
1023	Yellow
7001	Grey
5012	Blue
9005	Black

Technical Properties	
Appearance	: Thixotropic paint
Density	: 1.40 ± 0.10 kg/L
Diluent	: Rapid thinner (Max. 15%)
Application Temperature	: Between +5°C and +30°C
Drying Time	: ~ 90 minutes (20°C)
Film Thickness	: Minimum 0.4 mm in one coat
Complete Curing Time	: ~ 24 hours

FİXA®
Polyethylene Backer Rod

Description:
Polyethylene (PE) based, closed cell structured backer rod, used in adjusting joint depth.

Application Areas:
- Supporting the filler chemical used in joint and dilatation insulation,
- As joint filler in junctions of structural members such as doors and windows with the wall,
- To provide proper movements of joints by adjusting the joint depth,
- To prevent the joint sealant from bonding to the slab and to better accommodate structural floor movement.

Advantages:
- Reduces costs by preventing excess use of fillers such as sealants.
- Does not adhere to MS, hybrid and polyurethane sealants applied on it and moves inside the joint separately.
- Flexible and can be squeezed.
- Air and water impermeable.
- Prolongs the life of joint sealant.
- Neutral, does not emit odor.
- Easy to apply.

Consumption:
Varies depending on the joint width.

Packaging:

Diameter	Meter/Bag
6 mm	2,000
8 mm	1,200
10 mm	1,000
15 mm	500
20 mm	270
25 mm	180
30 mm	120
35 mm	100
40 mm	80
50 mm	50
60 mm	40
70 mm	20

Technical Properties	
Appearance	: Grey colored PE rod
Density	: 25 - 30 kg/m^3
Heat Conductivity Coefficient (λ)	: 0.04 W/mK
Water Absorption Sensitivity	: 1.5% change in volume after 28 days in water
Water Vapor Diffusion Coefficient (μ)	: ≥ 3,500
Service Temperature	: Between -40°C and +100°C

POLIMIX
Polypropylene Fiber

Description:
Polypropylene based **fiber**, produced especially for concrete and mortars, resistant to acids and alkalis and **reduces cracking in concrete**.

Application Areas:
Concrete Slab:
- Industrial floors, parking garages, hangar floors, airports,
- Machinery foundations exposed to abrasion,
- Water tanks, swimming pool concrete,
- Thin floorings.

Mortars:
- All types of plaster, repair and insulation purposed mortars.

Precast Elements:
- Manufacturing concrete pipes and elements,
- All types of precast elements.

Shotcrete:
- All types of shotcrete applications.

Advantages:
- Resistant to water and alkali.
- Resistant to abrasion, increases resistance to impacts.
- Has high mechanical resistance thanks to effective dispersion in the concrete and low segregation.
- Since it prevents cracks, it can help waterproofing by removing capillary voids where water may leak in.
- Prevents shrinkage that results from water loss in fresh concrete by increasing tensile strength.
- Increases the resistance of concrete against fire.
- Reduces corrosion of metal reinforcement.
- Has lower cracking tendency.
- Increases strength against fractures on concrete edges and sides.

Consumption:
600 - 900 g in 1 m^3 concrete depending on usage.

Packaging:
In water soluble bags of 600 g or 900 g (Sizes from 3 mm, 6 mm, 12 mm, 19 mm... up to 60 mm are available.)

Technical Properties	
Appearance	: Transparent white fiber
Density	: ~ 0.91 kg/L
Tensile Strength	: 500 - 700 N/mm^2
Modulus of Elasticity	: 2,000 - 2,800 N/mm^2
Alkaline Reaction	: Stable
Acid Reaction	: Stable
Moisture Uptake	: 70% moisture and 21°C < 0.10%
Heat Resistance	: Melts at +165°C
Elongation	: 25%
Flash Point	: > 239°C

STEELMIX

Steel Wire for Concrete Reinforcement

Description:
Low-carbon **steel wire**, produced by cold drawing method, produced especially for concrete, which provides **high flexural** and **impact strength** in **concrete**.

Application Areas:
- All types of open and closed concrete slab,
- Prefabricated elements, concrete pipes,
- Shotcrete applications,
- Anti-seismic structures.

Advantages:
- Provides high resistance to impacts.
- Increases flexural strength by 50 - 70%.
- Provides strength against shrinkage and high resistance to dynamic loads and fatigue.
- Prevents crack formation and widening.
- Economical, increases construction speed.

Consumption:
10 - 45 kg in 1 m^3 concrete depending on usage.

Packaging:
25 kg cardboard boxes

Technical Properties	
Appearance	: Grey steel wire
Elongation at Break	: < 2%
Wire Drawing Strength	: -1100 N/mm^2

MOLD RELEASE AGENTS and CURING COMPOUNDS

POLYFORM 100

Wooden Mold Release Agent

Description:
High quality, **ready-to-use mold release** agent for wooden molds that allows the mold to be separated easily from the concrete and contains a special emulsifier blend, provides a smooth and spotless surface.

Application Areas:
- Conventional wooden mold systems,
- All kinds of mold surfaces, especially absorbent ones.

Advantages:
- Ready to use, applied directly without diluting.
- Easy to apply.
- Allows the mold to be quickly dismantled.
- Reduces bubbles on the concrete surface, enables a smooth and spotless surface.
- Minimizes the need for cleaning in repeated uses of the molds. Reduces mold and labor costs significantly.
- Does not cause blocking in the spraying machine as it is highly fluid.
- Increase the efficieny and extends the life of the mold.
- Does not contain **solvent**.

Consumption:
Varies depending on the type of the mold, 1 L of POLYFORM 100 lubricates about 19 - 29 m^2 of mold surface when applied with a roller and 38 - 58 m^2 when sprayed with a pressurized pump.

Packaging:
30 L plastic jerrycans and 210 L barrels

Technical Properties	
Appearance	: Cream-white colored emulsion
Liquid Density	: 0.96 ± 0.02 kg/L (20°C)
Flash Point	: Not flammable
Application Temperature	: ≥ 5°C

POLYFORM 300

General Purpose Plywood, Wooden Mold Release Agent

Description:
Chemical emulsion based, **high quality**, **ready-to-use**, **general purpose** mold release agent that allows the mold to be separated easily from the concrete and contains a special emulsifier blend, provides a smooth and spotless surface.

Application Areas:
- All kinds of molds, such as plywood, plastic etc.
- Conventional wooden mold systems,
- Wooden mold systems with metal accessories,
- All kinds of mold surfaces, especially absorbent ones,
- Detailed concrete molds systems, with low temperature curing and large surface areas.

Advantages:
- For general use, can be used in various mold types.
- Ready to use, applied directly without diluting.
- Does not damage the film layer of the plywood molds.
- Easy to apply.
- Allows the mold to be quickly dismantled.
- Reduces bubbles on the concrete surface, enables a smooth and spotless surface.
- Minimizes the need for cleaning in repeated uses of the molds. Reduces mold and labor costs significantly.
- Does not cause blocking in the spraying machine as it is highly fluid.
- Increases the efficiency and extends the life of the mold.
- Does not contain **solvent**.

Consumption:
Varies depending on the type of the mold, 1 L of POLYFORM 300 lubricates about 19 - 28 m^2 of mold surface when applied with a roller and 37 - 56 m^2 when sprayed with a pressurized pump.

Packaging:
30 L plastic jerrycans and 210 L barrels

Technical Properties	
Appearance	: Cream-white colored emulsion
Liquid Density	: 0.93 ± 0.02 kg/L (20°C)
Flash Point	: Not flammable
Application Temperature	: ≥ 5°C

POLYFORM K

Concentrated Mold Release Agent

Description:
High quality, **concentrated** mold release agent that allows the mold to be separated easily from the concrete and contains a special emulsifier blend, provides a smooth and spotless surface.

Application Areas:
- Conventional wooden mold systems,
- All kinds of molds, such as plywood, plastic etc.
- Wooden mold systems with metal accessories,
- All kinds of mold surfaces, especially absorbent ones.

Advantages:
- Diluted with stated amount of water.
- Easy to apply.
- Does not damage the film layer of the plywood molds.
- Allows the mold to be quickly dismantled.
- Increases the efficiency and extends the life of the mold.
- Reduces bubbles on the concrete surface, enables a smooth and spotless surface.
- Minimizes the need for cleaning in repeated uses of the molds. Reduces mold and labor costs significantly.
- Does not cause blocking in the spraying machine as it is highly fluid.
- Does not contain **solvent**.

Consumption:
Varies depending on the type of the mold and dilution ratio, 1 L of POLYFORM K lubricates about 17 - 26 m^2 of mold surface when applied with a roller and 35 - 52 m^2 when sprayed with a pressurized pump.

Packaging:
30 L plastic jerrycans and 210 L barrels

Technical Properties	
Appearance	: Yellow colored liquid
Liquid Density (Undiluted)	: 0.86 ± 0.02 kg/L (20°C)
Flash Point	: Not flammable
Application Temperature	: ≥ 5°C

Application instructions and technical data provided for the products are obtained in line with our experience and testing carried out according to international standards, under ambient temperatures of 23±2°C and ambient relative humidity conditions of 50%±5. Higher temperatures decrease while lower temperatures increase these durations.

POLYFORM STEEL

Steel, Tunnel Mold Release Agent

Description:
High quality, **ready-to-use** mold release agent that allows the mold to be separated easily from the concrete by preventing the adhesion between the fresh concrete and the mold. **Resistant to steam cure**. Provides a smooth and spotless surface. Especially developed for effective results in large surface concrete molds.

Application Areas:
- Especially for tunnel-steel mold systems which are heated and applied steam curing,
- Smooth molds with low absorption,
- Plywood mold systems,
- Polyester mold systems,
- Precast and sliding mold surfaces,
- Large surface concrete molds with details.

Advantages:
- Avoids rust and prevents corrosion in steel molds.
- Ready to use, applied directly without diluting.
- Resistant to heat and steam curing.
- Provides perfect results in smooth molds with low absorption.
- Easy to apply.
- Allows the mold to be quickly dismantled.
- Reduces bubbles on the concrete surface, enables a smooth and spotless surface.
- Minimizes the need for cleaning in repeated uses of the molds. Reduces mold and labor costs significantly.
- Does not cause blocking in the spraying machine as it is highly fluid.
- Extends the life of the mold.
- Does not contain **solvent**.

Consumption:
Varies depending on the type of the mold, 1 L POLYFORM STEEL lubricates about 17 - 26 m^2 of mold surface when applied with a roller and 35 - 43 m^2 when sprayed with a pressurized pump.

Packaging:
30 L plastic jerrycans and 210 L barrels

Technical Properties	
Appearance	: Dark brown liquid
Liquid Density	: 0.86 ± 0.02 kg/L (20°C)
Kinematic Viscosity	: 15 - 20 cSt (+40°C)
Application Temperature	: ≥ 5°C

POLYFORM GREEN

Vegetable Oil-Based Mold Release Agent

Description:
Vegetable oil based, **environmentally friendly**, **high quality**, **ready-to-use** mold release agent that allows the mold to be separated easily from the concrete, **mineral oils free**, can be used in all kinds of mold systems, provides a smooth and spotless concrete surface.

Application Areas:
- All kinds of mold systems, such as wooden, plywood, plastic, steel etc.
- Precast, environmentally friendly projects and decorative concrete applications,
- White and colored concrete applications,
- Vertical and horizontal surfaces.

Advantages:
- Does not contain mineral oils, ecological.
- Ready to use, applied directly without diluting.
- Does not cause color variations on the concrete surface.
- Non-toxic or irritant.
- Conforms to the rules of environment and occupational health.
- Easy to apply.
- Allows the mold to be quickly dismantled.
- Appropriate for steam cure.
- Extends the life of the mold as it protects the mold against rust formation.
- Reduces bubbles on the concrete surface, enables a spotless and smooth surface.
- Minimizes the need for cleaning in repeated uses of the molds. Reduces mold and labor costs significantly.
- Does not cause blocking in the spraying machine as it is highly fluid.

Consumption:
Varies depending on the type of the mold, 1 L of POLYFORM GREEN lubricates about 20 - 30 m^2 of mold surface when applied with a roller and 40 - 55 m^2 when sprayed with a pressurized pump.

Packaging:
30 L plastic jerrycans and 210 L barrels

Technical Properties	
Appearance	: White colored emulsion
Liquid Density	: 0.98 ± 0.02 kg/L (20°C)
Flash Point	: Not flammable
Application Temperature	: ≥ 5°C

KURFIX® 200

Acrylic Based, Waterborne Curing Compound

Description:
Acrylic emulsion based, white colored and waterborne liquid **curing compound** that prevents quick loss of water from the concrete.

Application Areas:
- Indoor and outdoor,
- All vertical and horizontal concrete surfaces,
- Right after fresh concrete and surface hardener applications,
- Concrete applications where the air flow and evaporation is high and the moisture is low,
- Airport and concrete slabs,
- Concrete roads and bridges,
- Canals.

Advantages:
- Increases the resistance of concrete.
- Prevents shrinkage cracks on the concrete surface caused by fast drying during curing.
- Has water repellent property.
- More effective than other curing methods such as sack or canvas laying or watering.
- **Does not contain solvent**, is not flammable, safe to use indoor.
- Does not prevent resin and cement based applications on the cured surface.
- Easy to apply and labor-cost effective, economical.

Consumption:
200 - 300 g/m^2 (Varies depending on the absorption and roughness of the concrete surface.)

Packaging:
30 kg plastic jerrycans and 180 kg barrels

Technical Properties	
Appearance	: White colored liquid
Appearance After the App.	: Light opaque transparent layer
Liquid Density	: ~ 1.07 kg/L (20°C)
Drying Time	: 2 hours (ASTM C 309)
Flash Point	: Not flammable

Application instructions and technical data provided for the products are obtained in line with our experience and testing carried out according to international standards, under ambient temperatures of 23±2°C and ambient relative humidity conditions of 50%±5. Higher temperatures decrease while lower temperatures increase these durations.

KURFIX® 300

Solvent Based Curing Compound

Description:
Transparent amber-yellow, **hydrocarbon resin** based, solventborne liquid **curing compound** that prevents quick loss of water from the concrete, forms a film layer which reduces shrinkage cracks on the surface by preventing the water inside the fresh concrete from evaporating.

Application Areas:
- Indoor and outdoor,
- All vertical and horizontal concrete surfaces,
- Right after fresh concrete and surface hardener applications,
- Concrete applications where the air flow and evaporation is high and the moisture is low,
- Surfaces which will later be covered with paint, ceramics, epoxy etc.
- Airport and concrete slabs,
- Concrete roads and bridges,
- Canals and dams,
- Retaining walls.

Advantages:
- Increases the resistance of concrete.
- Prevents shrinkage cracks resulting from fast drying while concrete surface is cured.
- Has water repellent property.
- More effective than other curing methods such as sack or canvas laying or watering.
- Provides more effective curing than the paraffin and acrylic based curing compounds.

Consumption:
150 - 180 g/m^2 (Varies depending on the absorption and roughness of the concrete surface.)

Packaging:
15 kg tin cans, 30 kg plastic jerrycans and 180 kg barrels

Technical Properties	
Appearance	: Transparent amber-yellow colored liquid
Appearance After the App.	: Smooth, transparent film
Liquid Density	: ~ 0.90 kg/L (20°C)
Drying Time	: 40 minutes (ASTM C 309)
Flash Point	: +80°C

KURFIX® 400

Solvent Based Curing Compound and Surface Protector

Description:
Transparent yellow color, **hydrocarbon solvents** and **acrylic resin** based, solvenborne liquid **curing compound** and **surface protector** which prevents quick loss of water. Generates a protective layer and reduces the abrasion by penetrating the capillary structure of the surface. Forms a film layer which reduces shrinkage cracks on the surface by preventing the water inside the fresh concrete from evaporating. Reduces surface abrasion by binding the particles on the surface stronger to each other.

Application Areas:
- Indoor and outdoor,
- All vertical and horizontal concrete surfaces,
- Concrete, brick, stone and plaster coated wall surfaces,
- Wooden, terracotta, concrete and screed floors indoor,
- Right after fresh concrete and surface hardener applications for curing purposes,
- Concrete applications where the air flow and evaporation is high and the moisture is low,
- Surfaces which will later be covered with paint, ceramics, epoxy etc.
- Airport and concrete slabs,
- Concrete roads and bridges,
- Canals and dams,
- Retaining walls,
- Terraces.

Advantages:
As Curing Material:
- Increases the resistance of the concrete.
- Prevents shrinkage cracks resulting from fast drying while concrete surface is cured.
- More effective than other curing methods such as sack or canvas laying or watering.
- Provides more effective curing than the paraffin and acrylic based curing compounds.
- Compatible to cement, epoxy and polyurethane coatings.

As Surface Protector:
- Generates a harder and dust free surface that is resistant to abrasion, by binding particles to each other.
- Protects the surface against moisture and provides resistance to oil, light acids and chemicals.
- Has water repellent property.
- Protects plaster againts cracks formed due to frost by avoiding water inflow.
- Protects porous surfaces against dirt and dusting. Allows ease of maintenance.
- Penetrates fresh concrete, does not form layers thus does not peel off and allows the surface to breathe.

Consumption:
170 - 250 g/m^2 (Varies depending on the absorption and roughness of the concrete surface.)

Packaging:
14 kg tin cans and 165 kg barrels

Technical Properties	
Appearance	: Transparent yellow colored liquid
Appearance After the App.	: Smooth, transparent layer
Liquid Density	: ~ 0.85 kg/L (20°C)
Drying Time	: 2 - 4 hours (ASTM C 309)
Flash Point	: + 80°C

Application instructions and technical data provided for the products are obtained in line with our experience and testing carried out according to international standards, under ambient temperatures of 23±2°C and ambient relative humidity conditions of 50%±5. Higher temperatures decrease while lower temperatures increase these durations.

FİXA®
CONSTRUCTION CHEMICALS

FİXA CONSTRUCTION CHEMICALS INDUSTRY TRADE LTD. CO.

Headquarters
Beylikdüzü OSB,
Bakır ve Pirinç San. Sit.
Mustafa Kurdoğlu Cad. No:14
Beylikdüzü - İstanbul
P +90 212 690 92 92 (pbx)
F +90 212 428 62 85

İstanbul Factory
Firüzköy Mahallesi,
Aziz Cad. No:16
Avcılar - İstanbul
P +90 212 428 62 83 (pbx)
F +90 212 428 62 86

Adana Factory
Hacı Sabancı OSB,
Süleyman Demiel Bulvarı No:30
Sarıçam - Adana
T: +90 322 394 42 42 (pbx)
F: +90 322 394 42 65

Ankara Factory
Başkent OSB,
19. Cadde No:74
Malıköy Temelli - Ankara
P +90 312 640 16 61 (pbx)
F +90 312 640 16 76

FİXA UK
17 Green Lanes, London,
England, N16 9BS UK
P: +44 (0) 2081760680

www.fixaco.uk
info@fixaco.uk
fixaconstructionchemicals

fixayapikimyasallari
fixa_yapi_kimyasallari
Fixa Yapı Kimyasalları

export@fixa.com.tr
www.fixa.com.tr