



Expert on market of industrial
chemicals and materials for
building and decorate works

www.silkor.com.ua

Kyiv 2019



ABOUT THE COMPANY

Silkor Ltd. is an exclusive representative of the Ukrainian producer of high-quality silicone products and epoxy materials at Ukrainian and international markets.

Our main business is the export and import of high quality products and chemical raw materials, that meet international standards and requirements of current market. Our team of qualified and experienced professionals in Kiev and Zaporozhye offices provide the needs of the industrial enterprises of Ukraine, CIS and foreign countries in the chemical raw materials, silicone, epoxy, and other products.

The success work of our team over the years has accumulated great partnership experience with many organizations in various industries. We provide an individual approach to each partner.

The basis for successful cooperation with our partners are stable, long-term relationship as a result of mutually beneficial cooperation.

We would like to propose you a catalog of silicone products and epoxy materials from the leading distributor of a wide range of industrial raw materials Silkor Ltd. and welcome to cooperate.

MOMENTIVE™

BLUESTAR
SILICONES

WACKER


SAINT-GOBAIN


ГАЗПРОМ



KNAUF

ТЕХНО
НИКОЛЬ




siniat
Shaping the way people build

УКР
ГАЗ
Видобування




LAFARGE


ЕНЕРГО АТОМ
ENERGO

CLARIANT 

PRODUCT GROUPS



Water-repellent agents



Silicone liquids



Ethylsilicates



Special coatings



Silicone rubbers



Epoxy products



Grouting materials



winding of
electric
machines

KO - 916 A
KO - 916
KO - 916 K
KO - 923

metal forms for
baking bread
and meat

KO - 921



cables with
fiberglass proofing
and glass - asbestos
impregnations

KO - 915 B
KO - 922

KO - 075

+200°C



Protection of separators, gas traps with the fitting, cyclone settlers in oil-fields.

Corrosion prevention of external surface of gas ducts, chlorinators, steam and gas turbines, ejectors.

KO - 85

+350°C



Exhaust pipes, injectors of tracked vehicles, parts of boilers, chimneys and wire ends.

KO - 815

+500°C



For coating of metal products exposed to temperatures up to 400-500 C for a long time



Industrial

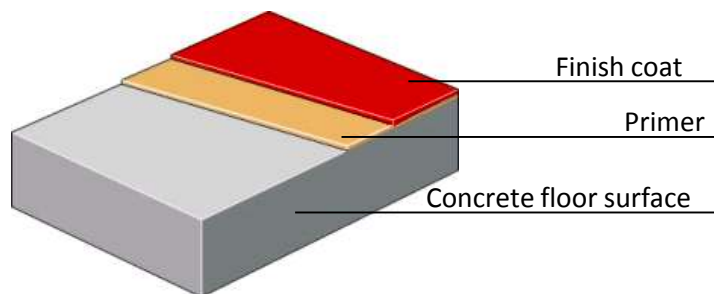


Antistatic

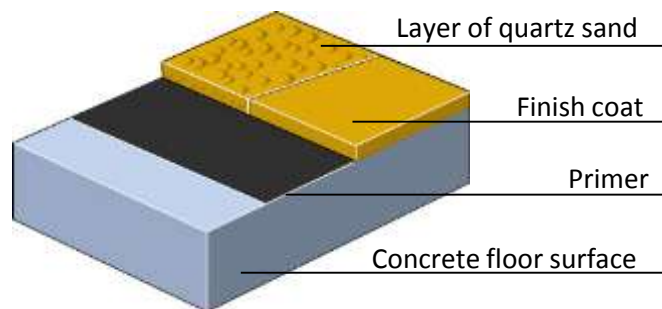


Decorative

Thickness up to 1 mm



Thickness 3 mm or more (optionally with additional layer of quartz sand for anti-slip effect)



FEATURES:

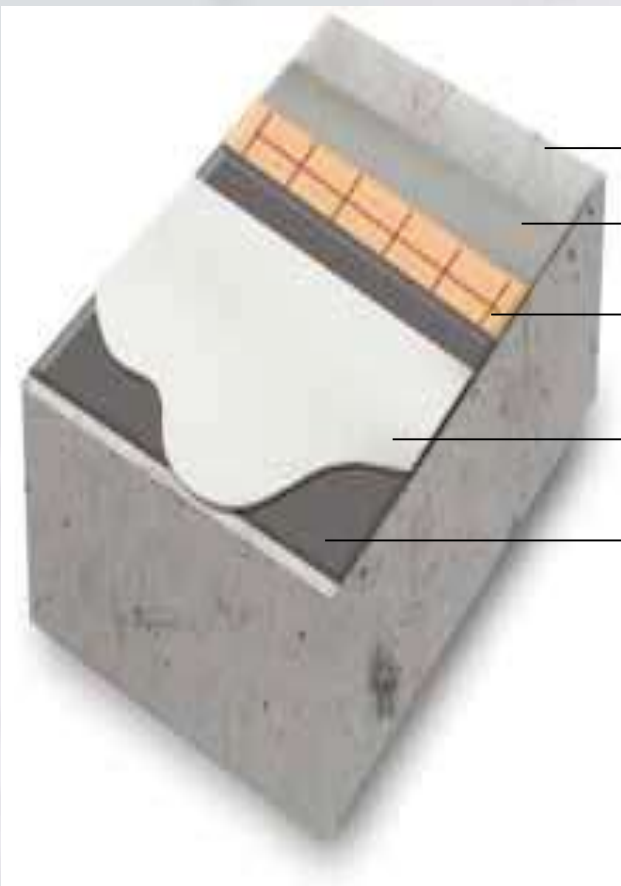
- Does not collect dust;
- Seamless;
- High adhesion to the applied surface;
- Extremely resistant to cracking;
- High durability;

Available coloring



Quartz sand





Concrete floor surface

Dust-free and purified concrete base

Sealant layer with copper wire

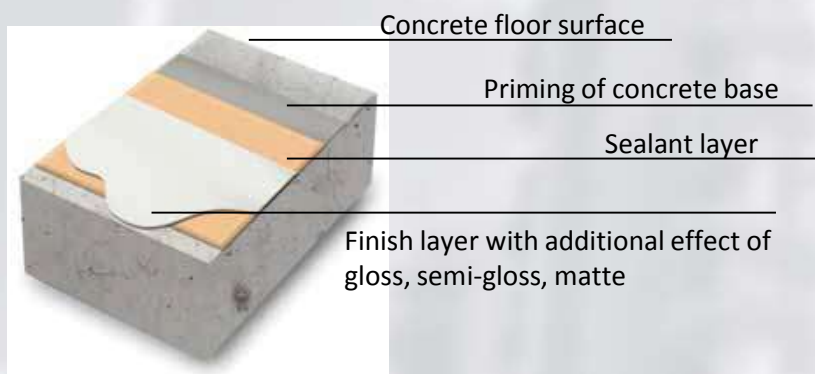
Finish layer

Graphite layer

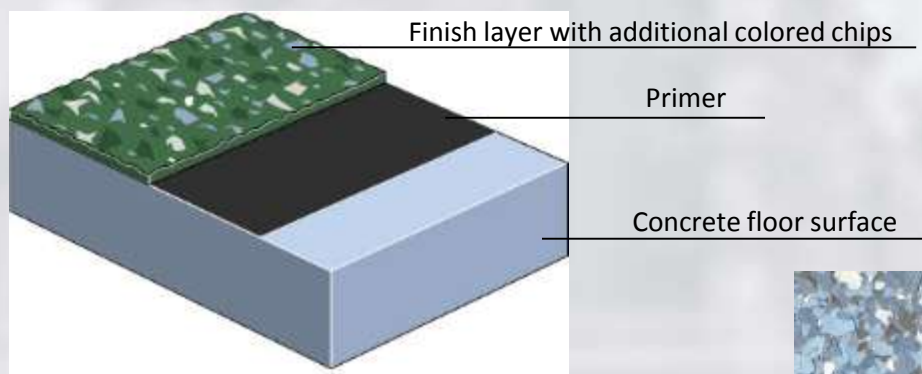
Thickness of covering is about 3 mm.

Resistance of the coating $4.5 \times 10^8 \text{ Ohm}$

Covering with gloss, semi-gloss or matte effect



Decorative covering with colored chips



Colored chips



Rubber waterproofing mastic “Izolon”

For covering roofs - for concrete, concrete with glass, roofing felt with glass, metal and wood.

- For waterproofing of metal, concrete, brick, wood and other parts of buildings and structures (basements, foundations, tanks, swimming pools, horizontal and vertical joints, etc.).
- For the protection of the metal and concrete against corrosion.
- The coating is elastic at a temperature of from – 35°C to +105°C.

RUBBER SKTN

intended for the production of monolithic casting and enveloping compounds, sealants, foamed, impregnating compositions, materials and coatings with high dielectric properties and operating at temperatures from minus 60 to plus 250 °C.

Rubber mastic “ZHKMG”

- sealing the joints of concrete and reinforced concrete structures with maximum strain 25%;
- sealing the joints of building structures;
- sealing the gaps and cracks.

Rubber mastic “ZHKMA”

In construction:

- for protection of concrete and metal surfaces from weather damage;
- for bonding of silicate based materials, bonding decorative items to concrete, sealing small construction joints.

In engineering:

- for sealing hatches, covers, controls, threaded connectors;
- as gaskets for parts with a rough surface;
- to seal cable entry devices and equipment.

In electronics:

- for sealing metal compounds of stainless steel and aluminum and titanium alloys;
- for sealing equipment operated in air at temperatures from – 50 to 150 ° C and up to 250 °C when short term exposure;
- for protection of the influence of vibration, shock, and re-variable loads;
- for the manufacture of gaskets, figured products in the casting.

Several advantages over other roofing materials:

- Material can be used on the roofs of any shape;
- Covering is elastic at -35°C to +105°C;
- After treating, covering is solid rubber-urethane mat without joints that differs it from any other roll material;
- Technological operation, burning in, is absent during treating with mastic.
- High rates of adhesion of the coating to the substrate such as concrete or wood, metal;
- High rates of elongation and conditional stability;
- Mastic is resistant to influence of ultra-violet radiation;

Silicone emulsion KE 10-01

used to obtain the release coating on molds in the molding of rubber, metal, polyethylene, polypropylene, polyurethane, fiberglass on epoxy or polyester resins In the process of producing plastics, rubbers and glass.

KE 10-01/SE 10-01 supplies it different concentrations of 30%, 50% and 70%.

Applications:

1. In tires, metal and rubber production as the release composition that improves product detachment from the surface of the molds;
2. For covering tables in paint shops - simplifies and accelerates the cleaning, eliminates the need for solvents;
3. For the treatment of glass containers – as anti adhesive agent; Before applying the emulsion is diluted with water to a concentration of 10%.

The usage of KE 10-01 can increase the number of removals of products in more than 10 times.



ETHYLSILICATE 40

Liquid ofis a mixture tetra ethoxy silane and polyethoxy siloxanes.

Application: In the steel industry for precision casting as a component of parting paints and as a binder for the production of rods exposed to high temperatures.

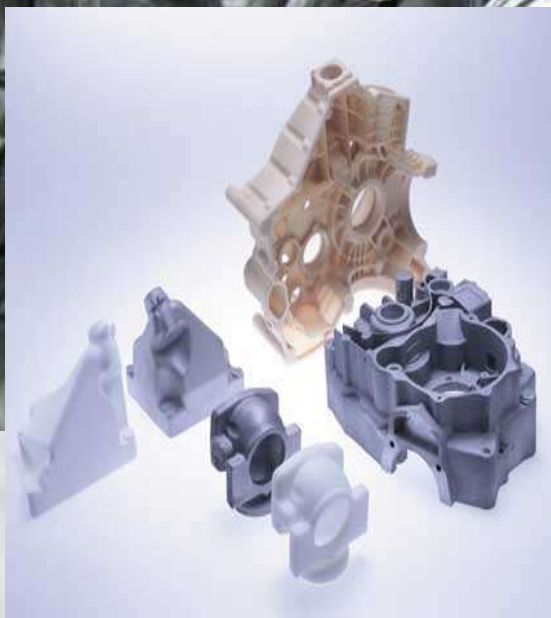


BINDER KP-1

Product of the partial hydrolysis and polycondensation of polyesters of orthosilicic acid.

Application:

- In the foundry industry in the manufacture of ceramic molds for precise cast.
- In the manufacture of organic polymers as modifying additives conferring special properties.
- In the paint industry as a component of heat-resistant insulating enamels and paints, as well as matting additives for furniture varnishes

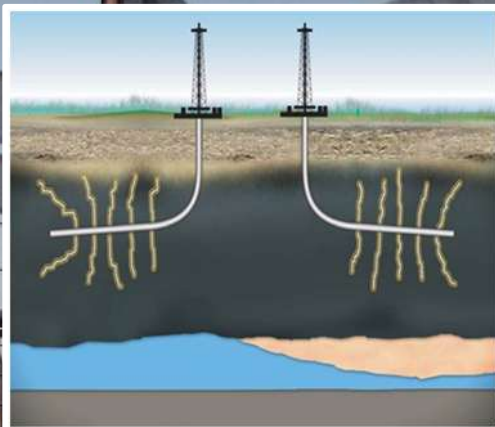


Itencification



- **Polytamp-1** is designed for repair-and-insulation operations in boreholes at temperature from 10°C to 120°C (permissible temp. about 150°C) as well as the soil consolidation and water proofing.
- **Polytamp-2** is designed for repair-and-insulation operations in boreholes at temperature from 120°C to 300°C as well as the soil consolidation and water proofing.

Water proofing



Polytamp is designed for repair-and-insulation operations in boreholes at temperature from 10°C to 300°C as well as the soil consolidation and water proofing. Also, they can be used as a binder for the investment-casing in different branches of industry

Grouting



- By contacting with water, the product undergoes hydrolytic polycondensation followed with formation of water-repellent solid polyorganosiloxanes with cross-linked structure in the well bottom zone.
- The formed polyorganosiloxanes show a high water-shutoff capacity.
- The product is used for selective water shutoff in oil wells at temperature over the range 0-200°C.

Weatherproof coating for metal, concrete, brick

EP-5K
EP-574
EP-574K
EP-5123K
AQUAKOR-
5/AKVAKOR 5
KO-811 K
KO-813
KO-814
KO-828K
KO-5102K

Protective coatings against acid, oil and alkali

EP-574K
EP-5123K



Fungicides

KO - 85
KO - 168 K

Metal protection

EP-5K
EP-525K
EP-574K
EP-5123K
AQUAKOR-5/AKVAKOR
5
KO-811K
KO-813
KO-814
KO-828K
KO-5102K

More detailed information on every position you can find on our web-site or catalogue.

Drilling mud

GKZH-11K/SL 11 K
GKZH 136-157M/SL 136-157 M

Gypsum products

GKZH 136-157M/SL 136-157M
GKE 50-94M/SE 50-94

Natural stone

GKZH-11K/SL 11 K
GKZH 136-157M/SL 136-157 M

Road construction

GKZH 136-157M/SL 136-157 M

Brick

GKZH-11K/SL 11 K
GKZH 136-157/SL 136-157 M
GKE 50-94M/SE 50-94
SE 50-12
AQUAPROOF/AKVARPOK

Mineral wool

MSE 50-43/OSE 50-43
ME 50-42/OE 50-42
SE 50-12

Ready concrete and cement slurry

GKZH-11K/SL 11 K
GKZH 136-157M/SL 136-157 M
GKE 50-94M/SE 50-94
SE 50-12
GKZH-11N/SL 11 N
AQUAPROK/AKVARPOK



The usage of silicone – organic water repellents (WR) in different materials can:

- Increase of frost resistant to 50 times
- Reduce water absorption to 0.2 – 1%
- Protect from oil, dirt, mud, efflorescence within 5-15 years (depends on concentration of WR and method of application)

We take into account the difference between physical structure of materials from different producers so in every case we try to test our WR and find a perfect combination.



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We are always ready for dialogue to discuss possible cooperation. You can contact directly with a company you are interested in or contact our main office manager. He will connect you with the most appropriate representative which can answer you in best way possible. Below you can see a details of our headquarters in Ukraine you can contact with.

Thank you for your interest!