

AcmeLight Company, 50000, Ukraine, Krivoy Rog, Lenina Str 55, office 1

www.glassmat.eu Frosting technology of glass, mirrors and granite

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GlassMat

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We present you glass and glass surfaces frosting technology, applying glass frosting paste and glass frosting liquid **GlassMat**. It is possible to produce products of different configuration with a decorative mat pattern, applying frosting paste for glass **GlassMat**.

Glass frosting with the help of glass frosting paste **GlassMat** is a very simple and effective technology that does not require any expensive equipment and tools. All you need to process glass is a rubber spatula and cut with the plotter stencil. Glass frosting paste **GlassMat** is not toxic, so you can carry out all frosting works in already existing indoors without any additional extracting equipment.

Now professionals can propose a new service to their Customers – personalization of any glass, thanks to paste **GlassMat**. There is no such glass surface that can not be decorated with the help of **GlassMat**.

Our clients are:

- Advertisement-souvenir companies and firms;
- Stained glass and glass workshops;
- Manufacturers of glass and glass products;
- Companies, involved in the industrial processing of glass

The main field of frosting paste **GlassMat** application is an art frosting of glass and glass products. Frosting paste and frosting liquid are successfully used by glass and stained glass window workshops, producers of glassware, advertisement-producing companies, specialized in the production of souvenir products with a picture on glass, and producers of glass tare.

Producer receives the pattern of a high quality and accuracy, using the glass frosting paste and frosting liquid **GlassMat** by all methods of application. Processed surface has a very pleasant to touch, glossy and silky texture. Received mat surface is resistant to appearance of fingerprints, greases, and is comfortable one for taking care.

Spheres of application GlassMat

- **Art frosting of glass. Glass processing.**

It is produced frosted window glasses, decorated glass for inferior doors, glass for production of wardrobes, kitchen furniture with the help of frosting technology **GlassMat**. Glass procession, using templates makes it possible to get the needed pattern on glass or mirror. Glass frosting is used for stained glass production and it is possible to get a special pattern on glass.

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- Glass frosting for glassware production

Applying glass frosting paste **GlassMat**, it is possible to diversify the range of produced glassware and to propose exclusive glass products with the mat picture on glass to the market: tall wine glasses, beer glasses, wine glasses and plates.

The original glass processing, mat picture on glass are always high-demand items for Customers of glassware.

Application of frosting liquid **GlassMat** makes possible to receive a picture on glass, producing container glassware and bottles for wine-vodka products that can serve both as a good protection against products counterfeit and give aesthetic qualities to it.

- Glass frosting, glass processing for the production of souvenirs.

Advertising-producing companies are interested in a mat pattern drawing technology on products of different shapes long time ago and it is used for the production of branded products.

However, new possibilities were opened up for producers of advertising- souvenirs products, using frosting paste **GlassMat**: simple and quick organization of product frosting, possibility to produce single items and small consignment of products, high aesthetic image quality.

Application of frosting liquid **GlassMat** makes possible to receive a picture on glass of complicated shape subjects.

- Glass frosting paste for ceramics, natural and artificial granite products' decoration.

Frosting paste is also used for ceramic products with a glossy surface decoration: ceramic tiles, granite tiles and ceramic granite.

Frosting technology of make-up materials with a glossy surface is particularly important for exclusive interior creation, as it allows the designer to realize the most interesting ideas of decoration or personification in office or living locations.

Technical information and characteristics of GlassMat

Frosting paste **Glassmat**, applied on glass, interacts with SiO₂, taken away silicium from the upper layer of substrate (the depth is up to 25 microns).

The paste is collected to the tare after the work for the repeated usage. Wastes should be washed away by water. Processed surface has a very pleasant to the touch, glossy and silky mat texture. Received mat surface is resistant to the appearance of fingerprints. It is impossible to wash away or to rasp the ready-made pattern. It is just a stained glass.

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Paste *GlassMat* is very cost-saving and can be used up to 12 times. As the result, it is possible to get about 30 sq. meters of frosted surface, using only one kilogram of paste!

Characteristics of frosting paste *GlassMat*:

Substance – pasty, thick, oil mass of white color. On vertical surfaces with the thickness

2-5 mm. there is no shift.

Smell – almost not available

pH rate – 3,5

Storage terms – store at the hermetically sealed plastic tare under the temperature +5 - +20 C. It is allowed a small liquid waste. The preliminary condition of the paste is restored by the ordinary mixing.

Shelf-life – 6 months.

Severity rate – 4 class. Avoid the ingestion and contacts with mucosa. Application of the paste in the industrial scales requires the exhaust ventilation at the workshops.

Application - It is used for matting of glasses, tall wine glasses, glassware for hotels and restaurants, other glassware, sheet glass, stained glass and mirrors, glass furniture, for designing of showcases of shops, mirrors, glazed porcelain, prestigious awards, numbers on car's windows, ceramic tiles, granite surface, ceramic granite, ceramics with the high content of silicium.

Additional information – Frosting paste does not react with the wax, acrylic and styrene-acrylic polymers films, so it is allowed to use it as protective-limiting surfaces. The long contact of the paste with metal objects is not recommended, while it can cause the destruction of the metal surface.

Attention! Frosting paste and liquid *GlassMat* react not only with glass. Any material with a high content of silicium can be processed by such kind of frosting, for example, surface of granite or ceramic granite. Such technology makes possible to make decoration of floor or wall of business offices, tiled by granite or ceramic granite for minimum cost.

Application instructions for GlassMat

Demonstration of the mat picture drawing on glass technology

For work you need to have:

- frosting paste **GlassMat**;
- rubber spatula;
- template from the film cut by the cutting plotter or directional knife;
- glass object;
- mounting tape.

1. Degrease the surface with an alcohol or cleaning agent (containing alcohol), but do not use the solvent (it leaves an invisible film at the glass surface, that influences on the matting quality). After it there could not be any fingerprints at the surface.



2. Put pre-cut pattern on glass

3. Delete all unnecessary details with the help of mounting knife.

4. To avoid getting the paste on the glass at unnecessary places, seal it with the paper adhesive



tape.

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5. Using the rubber spatula, put GlassMat on the dry surface quickly, it should cover all details by 2-4 mm. layer

Attention!! Do not pure the paste directly to the image – as a result it can turn out uneven!!!



6. Leave the paste on glass for 7-8 min.

In 7 minutes collect the paste to the tin with the same spatula (use one more tin to prevent mixing of old and new paste), as the paste is multi-usable. Wash the surface of glass very well, not leaving the paste on the template and on the surface. Take away the template under the jet of water, make it in such a way that the water reaches between glass and the template. Dry the glass.

Attention!! The paste should be washed away directly after you collect remains, while stains can appear on a surface

Here is a result!



Before each usage it is necessary to mix it well. Store at the hermetically sealed plastic tare. Mix the used paste well.

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We supply following products – frosting paste and frosting liquid GlassMat.

Frosting paste GlassMat 0,75 kg.



Frosting paste GlassMat 0,75 kg.

Characteristics: pasty mass of a white color. On vertical surfaces with the thickness 2-5 mm. there is no shift.

Application: It is used for frosting of glasses, tall wine glasses, glassware for hotels and restaurants, other glassware, sheet glass, stained glass and mirrors, glass furniture, for designing of showcases of shops, mirrors, glazed porcelain, prestigious awards, numbers on car's windows, ceramic tiles, granite surface, ceramic granite, ceramics.

Storage: Storage terms – store at the hermetically sealed plastic tare under the temperature +5 - +20 C. It is allowed a small liquid waste. The preliminary condition of the paste is restored by the ordinary mixing. Store at the original sealed tare indoors under the temperature from +5 to +20°C. Storage life is 6 months from the production date.

Precautions: Avoid the ingestion and contacts with mucosa. Application of the paste in industrial scales requires the exhaust ventilation at the workshops.

Consumption: Matting paste is multi-usable. 0,75 kg. It can mat 17-22 m².

Method of fixing: Mix it thoroughly before each usage. Put the layer of 2-4 mm. In 8-9 minutes collect the paste and wash with the water and dry it

Note: The long contact of the paste with metal objects is not recommended, while it can cause the destruction of the metal surface. Frosting paste does not react with the wax, acrylic and styrene-acrylic polymers films, so it allows to use it as protective-limiting surfaces.

We propose discounts to our regular Customers!

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Frosting liquid for glass GlassMat 0.5 l.

Characteristics: transparent liquid. It is used for the plastic containers filling and immersion of glass objects in it.

Application: It is used for frosting of irregular and round shape glass and also of: bottles, glasses, tall wine glasses, ashtrays, glassware for hotels and restaurants, other glassware, sheet glass, stained glass and mirrors, glass furniture, for designing of showcases of shops, mirrors, glazed porcelain, prestigious awards, numbers on car's windows, ceramic tiles, granite surface, ceramic granite, ceramics.

Storage: Storage terms – store at the hermetically sealed plastic tare under the temperature +8 - +20 C. It is allowed a small liquid waste. The preliminary condition of the paste is restored by the ordinary mixing. Store at the original sealed tare indoors. Storage life is 6 months from the production date.

Precautions: Avoid the ingestion and contacts with mucosa. Application of the paste in the industrial scales requires the exhaust ventilation at the workshops

Consumption: Frosting liquid is multi-usable. 0.5 l. It can mat 22-30 m².

Method of fixing: Technology of work with the liquid is also simple and does not require big investings, just the same as working with the paste.

The process of products' manufacture can be drawn schematically as following:

- Take the plastic container, bigger then the chosen object for the procession.
- Put the chosen for the procession object to the empty container. Pour the water to the container up to the level, needed for engraving.
- Take the object from the container and mark the water level on the external side of the container. Pour the water away. Dry the container and the object.
- Fill container with the frosting liquid Glassmat up to the marked level.
- Put the object to the container slowly; prevent it from possible movements in the water, for example, filling it with the water. Leave it for 15 minutes.
- After the indicated period of time put the object away from the container.
- Wash the object with the soap and water. Dry it. Pour the liquid to the preliminary tare, as the liquid can be used many times.

Product is ready.

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Selling terms:

We are working both with juridical and physical people according to price-lists. Special terms and rules of selling are used for Agents, Dealers, Distributors and VIP- partners.

1. Preparation of your order according to your inquiry.

100% prepayment according to Sales Agreement.

2. Delivery to all countries of the world by all possible delivery companies.

Contacts :

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Attention!!!

We are looking for Partners, Agents, Distributors to organize Dealer network.

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