

White /Black basis before painting

UZIN GESSO

Flexible liquid basis that seals, protects, and gives "tooth" to paint substrates

Applications:

Flexible, ready-to-use basis that prepares the surface of a substrate to accept color paints and provides bas-relief to promote paint adhesion. Seals, protects, and gives "tooth" to substrates, its formula accepts a wide variety of media on many commonly used painting surfaces. It comes ready-to-use, but can be mixed with water for thinner applications. When diluting with water, we recommend a maximum dilution of 20% w/w. Any mixture within this range offers little risk of cracking or other adverse effects. Generally, canvas coated with Gesso may be rolled up without cracking. Cracking may occur if a canvas is overly flexed or stretched, especially at colder temperatures. Although one coat of Gesso will provide good adhesion, it may sometimes leave pinholes or uncovered areas.

It is recommended to apply at least two coats of Gesso to any surface, but especially when painting on canvas or linen. The first coat will penetrate the support and reduce the likelihood of paint de-lamination. The second coat bonds with the first layer and begins to even out the surface. Subsequent layers of Gesso will produce an even smoother surface. For spray-application, you may have to apply more than 2 coats to achieve a film similar to a brush application.

Suitable for / on:

- ▶ All types of canvas, linen, carton-boards e.t.c.

Product properties / advantages:

Gesso can be applied by brush, roller and trowel or spray-applied. Dilution of the Gesso is only necessary for spray application, but may be desired for brush or roller applications as well.

- ▶ ready-to-use product
- ▶ prepares the surface
- ▶ provides high cohesion

Technical Data:

Packaging:	PE container
Sizing:	0.5kg, 1kg & 5kg
Hazard Classification:	None
Active solids:	45-55 % (DIN EN ISO 3251)
Color:	White/Black
Density:	approx. 1.1 g/cm ³ (DIN EN ISO 2811-3)
Consumption:	Depends on application method
Viscosity:	3.000 – 4.000 mPas (DIN EN ISO 2555)
pH:	8, 4-9,0 (DIN/ISO 976)
Drying time:	For a layer of 0.25mm 2 hours*
Storage:	Min. 6 months at cold and dry place ~20°C
Cleaning:	Wet film: cold water Dry film: hot water and/or detergent Stains/Pillages: UZIN OFFSET 395

* At 20 °C and R.H.65%.

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Substrate preparation:

The bonding surfaces must be dry, clean and free from dust and other substances that could impair adhesion. Refer to safety data sheets of the product and study carefully the compatibility of each component with UZIN Hellas various products.

Application:

1. Place the container of Gesso indoor and let it be acclimatized, for 1-2 hours.
2. Ambient temperature and humidity must be in permissible limits. Ideal temperature conditions of application ranging by 18°C to 25°C. Do not apply Gesso at temperatures below 5°C and relative humidity greater than 65%.
3. Stir well Gesso prior to application in order to homogenize well.
4. Apply Gesso evenly on the surfaces to be bonded with a brush or roller.
5. *Any dilution of Gesso results in physical changes of the adhesion behavior: drying time, final adhesion strength, viscosity etc.* Even though in case of dilution: use clean water to a maximum percentage 20% w/w. Always use a different clean container for the dilution and never use the initial adhesive container. Caution! Water contains microorganisms, thus in a long stay in the container they are incubated and affecting biologically Gesso, resulting to mold, or other unpleasant odors.
6. Always close tightly lids of the containers in order to prevent of moisture loss and infections.
7. Clean tools and residues while still fresh. After hardening, residues could be removed by special solvent UZIN OFFSET 395.

Consumption:

Consumption estimation
100-125 g/m ²
Depending on each substrate absorption

Important Notes:

- ▶ Shelf life minimum 6 months when stored in a cool dry place in original packaging. Protect from frost and heat. Opened containers must be used quickly.
- ▶ Always carry out preliminary tests with all materials together, due to seldom discoloration phenomena of adhesion application onto unstable ink/varnish substrates.

Protection of the workplace and the environment:

Solvent-free. The use of skin protection lotion is always recommended. Store out of reach from children. In the event of contact with the eyes or skin, rinse thoroughly and immediately with water. Information for persons with allergies is available at +30 210 7793777 (Greece).

Disposal:

Collect product residues wherever possible and reuse. Do not allow to enter the sewer system, bodies of water or the soil. Plastic containers emptied or scraped clean and no longer dripping from any residues can be recycled. Containers with liquid residues as well as collected liquid product residues are special waste. Containers with cured residues are construction / domestic waste.