

CFG-50

COLORFUL FLOOR GLOSS



DESCRIPTION

- An acrylic and solvent-based, high-performance, colored bright concrete protective varnish used to harden low adherence surfaces, and to increase the service life of concrete by preventing dusting.

TECHNICAL DATA

Appearance	: Liquid
Colour	: RAL 1016 YELLOW, RAL 3020 RED, RAL 5013 BLUE, RAL 6004 GREEN, RAL 7036 PLATINUM GRAY, RAL 7040 GRAY, RAL 9017 BLACK
Odor	: Unique
Application temperature	: (+5°C) - (+30°C)
Density	: ,92±0,03 kg/L
Full curing	: 5 days
Drying Time	: 45-60 minutes (light foot-traffic)
Pot life	: 2 hours
Flashpoint	: 20-45°C
VOC	: 760 g/L

- These values are obtained under laboratory conditions ((23±2) °C temperature, 50% relative humidity) and may differ due to worksite conditions.
- MYFIX YILDIZ YAPI KİMYASALLARI SANAYİ VE TİCARET LİMİTED ŞİRKETİ is not responsible for the application errors that may arise if the application conditions and precautions outlined above are not followed for the purpose of the product.

INTENDED USES

- Horizontal, interior concrete floors,
- On concrete surfaces where abrasion resistance is required,
- To protect against solution spills in floors of laboratories in the food and cleaning industry,
- On floors where resistance to chemicals is required.
- In parking lots and warehouses,
- In pedestrian ways, sidewalks, underground passages,
- Pool sides, walkways, public squares,
- On industrial floors,
- Living areas, shopping centers,
- On floors where surface hardener has been applied,
- To protect and harden cement-based surfaces,
- To prevent surfaces from dusting,
- Where transparent floor coloring is desired,
- Used to coat surfaces such as concrete and screed.

SURFACE TREATMENT

- The surface must be cleaned of all substances that may prevent
 - adhesion such as dust, dirt, and oil.
 - All loose and volatile particles should be removed.
 - The surface should be cleaned with moist cleaning methods and
 - ensured to be dry before application.
- In applications made on damp surfaces, a test application should be made on a determined small surface area to test adherence. It can be applied as 1-2 coats depending on the absorbency of the floor. The surface should be completely dry during the transitions between coats.
- After the application, the tools should be cleaned with solvent.

PROPERTIES

- Dries quickly as the solvent inside evaporates rapidly.
- Ready to use, easy to apply.
- Makes the concrete resistant to chlorine (salt) or gases.
- As it increases water impermeability, it prevents cracks that may occur as a result of freezing of concrete.
- Provides UV resistance.
- Alkali resistant.
- Makes the colors look vivid without giving a pattern to the concrete.
- Used in coloring concrete with different color varieties.
- Does not fade nor swell over time,
- Does not form a slippery layer.
- The color of the concrete does not change with the effect of rain.
- Used as a polish thanks to the shiny film layer it creates.
- Reduces signs of dirt.
- Prevents dusting as it increases the abrasion resistance of the surface.
- Low consumption and economical.

APPLICATION

- **CFG-50** is a single-component product and is ready to use.
- No dilution should be made.
- It should be mixed well before use. It can be applied by hand with a brush or a short pile roller or by spraying machines.

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WARNINGS AND RECOMMENDATIONS

- In indoor applications, every 30 minutes the applicator should rest for a certain time in the open area. The product does not require any special application process.
- Water should not be allowed on it for at least 2 hours and it should not be opened to pedestrian traffic before completing its cure.
- Before applying **CFG-50**, use protective glasses, gloves, and clothing. Since it is based on acrylic resin, it can irritate the skin.
- Since **CFG-50** contains solvent, contact with skin and eyes should be avoided, in case of contact, it should be washed with plenty of water and a doctor should be consulted. Gloves should be used during use and the material should not be inhaled.
- Since it is a flammable material, it should be strictly forbidden to smoke during application and any fire source such as welding and cutting machines should be avoided.
- It should not be applied on wet and frozen surfaces.
- Empty packages should not be used to store food and drinking water.

SHELF LIFE

- It is 12 months from the date of production if stored in unopened packages in a suitable environment ((+5°C) - (+30°C)). It should be kept away from direct sunlight. Protect from frost.

PACKAGING

- 17 L Tin pail

CONSUMPTION

- Brush, roller (coating): 0.10 – 0.20 liters (for 1 m² area)
- Spraying (impregnation): 0.15 – 0.25 liters (for 1 m² area)