Primer GF-021



Specification

The primer allows a high level of adhesion with undercoated surface, which makes a good base for further coating and endures the lifetime of paint coating. Besides, it protects against corrosion.

Sphere of application

Primer GP-021 is intended for protective coating of metal and wooden surfaces under alkyd enamels. The primer can be used as a separate coating for temporal protection agaisnt corrosion within the period of interoperating storage.

Technical data

Consumption standard of 1 layer	80-120 g/m^2, it depends on the type of the surface and way of application.
Solvent	solvent TM DekART, 10% maximum of the total primer weight.
Application	Apply with a short-haired roller, a brush, a spraying gun or dipping method.
Drying period (23 °C, 50% RH)	max 8 hours. Drying period increases if the temperature is getting down and relative air humidity is getting higher.
Solids content (DSTU ISO 3251)	78±2%
Density (DSTU ISO 2811-1)	1,5 ± 0,05 g/cm^3
Hardness (DSTU ISO 1522)	> 35 sec., Konig pendulum.
Non-volatile matter by volume (DSTU ISO 3233)	> 55 %
Warranty period	12 months from the date of manufacturing.
Packaging	0,9 kg, 2,8 kg
Color	red brown, grey.
Gloss	matt.

Composition

Glyphtal resin, pigments, extenders, solvent, additives.

Application instruction

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1 Surface preparation

The surface shall be dry and cleaned from dirt, grease, dust, Clean thoroughly the surface from old loose coatings also weak layers until hard surface in mechanical (a scraper, a wire brush), thermal (hot air fan, infrared radiation) or chemical way (paint removal solutions). Metal surfaces shall be cleaned thoroughly from rust with a wire brush or abrasive cloth and degreased.

Holes, existing on the wooden surface, cracks or uneven areas shall be corrected with Putty for wooden and mineral surface TM "Farbex". The plastered surface shall be grinded off till the surface is smooth. The abrasive dust shall be removed.

2 Applying

Stir the primer thoroughly before use. The primer is ready to use. Dilute it with a solvent if necessary. Use the product of the same batch for finishing coat to avoid deviation in color shades.
If you use products of different batches it is necessary to mix them. In the case of using the primer as an intermediate layer with followed enamel applying, it shall be coated 1 thin layer of primer, or if it should be as a stand-alone coating then 2 thin layers of primer. The primer shall be coated in 2 layers on the surface for providing a maximum protective effect.
Each next layer shall be coated in 24 hours. The coating is performed at the temperature from + 10°C till + 35 °C and relative air humidity

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Ukraine, Sumy, I.Piddubnoho str. 25
tel./fax: +38 (0542) 650 621
www.farbex.ua

no more than 80%. Do not apply the enamel under direct sunlight, strong wind, frost and atmospheric precipitation. After the coating is applied it shall not be affected by atmospheric precipitation for 24 hours.

3 Tool cleaning

Clean tools with a solvent and then with warm water with detergents if necessary.

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SAFETY

Keep away from fire! Keep in tightly closed original containers at the temperature from -20 °C till + 40 °C. Keep out of moisture, direct sunlight and food. Keep in the places out of reach of children. During application use personal safety gear (work clothes, rubber gloves, a respirator and safety glasses). Provide well-arranged ventilation of the space if the application is indoors and 48 hours after coating. If skin contact, wash thoroughly with water and soap. If eye contact, rinse with plenty of running water. Consult a doctor if necessary. VOC content: cat. A/i (SB): < 500 g/l. Actual VOC content ≤ 350 g/l. It doesn't contain lead and lead compounds. More detailed information you can read in the safety data sheet. The product has a sanitary-epidemical conclusion of the state expertise.

ENVIRONMENTAL PROTECTION

Do not empty into drains, ponds and in soil ! Liquid rests shall be delivered to the waste drop-off point. Rests of dry products and empty containers shall be recycled as common construction waste, in accordance with the Law.

The authenticity of this information is based on laboratory tests and practical knowledge. The quality of the product completely corresponds to the demands of TU U 24.3-14005076-069:2006. As a manufacturer, the company isn't responsible for the damage caused by application, which is not in accordance with the directions. The applicability of the product for specific purposes shall be defined entirely by the consumer. Current information loses validity with the issue of a new edition.

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