



DECO CIRE GOLD STAR FINE

Decorative Forced Screed for horizontal and vertical surfaces



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111383

Packaging: 15kg

Description

A ready- to- use pasty monolithic mortar designed for application on vertical and horizontal surfaces. It provides an aesthetically excellent and extremely smooth finish, by offering different decorative styles. Available in light gray and it can be tinted in a series of indelible shades through the Berling's color system. Suitable for structural (floors, walls, stairs, built units, bathrooms) as well as non-structural surfaces (wooden furniture, tables, etc.) It can be used also in pool paint systems. It can be used both indoors and outdoors once the appropriate recommended system is applied.

Purpose of use

It protects all surfaces from everyday use, weather and mechanical stresses whilst providing an excellent aesthetic effect of high standards.

Product characteristics

- Ready- to use pasty material.
- Water-repellent.
- High resistance to impact.
- High resistance to mechanical stress.
- High flexibility.
- Mildew resistant.
- Stable quality and color throughout the application process.
- No loss of material as it does not dry or hardens.
- Can be tinted in many shades.
- CE Marking, according to EN 1504-2: 2004

Shades

Available in light grey and white. It can be tinted in 165 shades with Berling's Color Studio.

Film thickness and Coverage

Theoretical performance 1,5-1,7kg/mm/m² of film depending on the application method. For 3 coatings (finished surface) the coverage up to reaches 8,5 m² for the packaging of 15 kilos. The use of a mesh increases the total consumption.

Recommended paint systems

Old and new surfaces. / Proposed application surfaces

Walls and floors made from reinforced concrete or cement mortar- plasterboard or fiberboard- Ytong- synthetic or raw whitewood etc.

Primer- Substrate	Quartz adhesion primer	1 coat.
Final coat	Deco Cire Gold Star Fine	Depending on the surface use & desired thickness apply 3 coats with an interval of 24 hours.
Protection for household use	Force for protection of the final coating (it is applied 4 days after Deco Cire Gold Star Fine final coat).	2 or 3 coats (depending on the absorptivity and the roughness of the final surface)
Protection for bathrooms	Berocyd 111, especially for internal surfaces in bathrooms (it is applied at least 7 days after the Deco Cire Gold Star Fine final coat).	2 coats
Protection for demanding surfaces	PU VARNISH -two component polyurethane varnish (it is applied 4 days after Deco Cire Gold Star Fine final coat).	2 ή 3 coats (depending on the absorptivity and the roughness of the final surface)
Optionally On surfaces larger than 25m ²	Alkaline resistant mesh 70 or 160 gr. (In case of mesh use, more coats of Deco Cire Gold Star Fine are required).	

Old and new surfaces with smooth, glossy and absorption-reduced finish:

Proposed application surfaces: white-paste tiles or granite tiles-marbles.

Adhesion primer	QUARTZ TILE, primer for special application	1 coat & after 24 hours the first coat of Deco Cire Gold Star Fine.
Final coat	Deco Cire Gold Star Fine	Depending on the surface use & desired thickness apply 3 coats with an interval of 24 hours.
Protection for household use	Force, for protection of the final coating (it is applied 4 days after Deco Cire Gold Star Fine final coat).	2 or 3 coats (depending on the absorptivity and the roughness of the final surface)
Protection for bathrooms	Berocyd 111, especially for internal surfaces in bathrooms (it is applied at least 7 days after the Deco Cire Gold Star Fine final coat).	2 coats
Protection for demanding surfaces	PU VARNISH -two component polyurethane varnish (it is applied 4 days after Deco Cire Gold Star Fine final coat).	2 ή 3 coats (depending on the absorptivity and the roughness of the final surface)

Obligatory use of mesh On surfaces larger than 25m ²	Alkaline resistant mesh 70 or 160 gr (In case of mesh use, more coats of Deco Cire Gold Star Fine are required).
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Application Conditions

The application should be carried out in ambient temperature from 10°C to 35°C and maximum relative humidity of 80%.

Application Instructions

Thoroughly clean the surface where the material is to be applied from dust, salts, grease, old peeled paints or concrete pieces etc. Stir well before use. Before applying, use the specific additional component B' in a maximum ratio of 0,500 kg/15 kg Deco Cire Gold Star Fine and stir well (The use B component is optional. The more we add the thicker becomes the final product).

Vertical surfaces: Apply the specific primer according to the surface type and then apply Deco Cire Gold Star Fine Gold Star Fine using a plastic or metal coating spatula depending on the effect you want to achieve. For surface protection and waterproofing we always use the proposed protection. Floors, stairs etc.: Apply the specific primer according to the surface type. Then apply Deco Cire Gold Star Fine using a plastic or metal coating spatula depending on the effect you want to achieve. For greater mechanical strength use of a mesh 70 or 160gr/m² is required after the first coat of Deco Cire Gold Star Fine, as well as use of expansion joint per 25m². For surface protection and waterproofing always finish off applying the special varnish.

Optionally, mesh application on small surfaces (kitchen counters 60gr) or larger surfaces (Floors 70 or 160gr) reinforces the structure. In addition, the projection of expansion and contraction joints on surface ensures smooth monitoring of mechanical movements.

When applying use the specific additional Component B in a maximum ratio of 0,500kg/15kg.

TECHNICAL CHARACTERISTICS

Specific Gravity	1,75 ± 0,03gr/cm ³ (ISO 2811).
Viscosity	Highly thixotropic.
pH	7,8-8,8
Coverage	1,5 - 1,7kg/m ² /mm of film, depending on the application method.
Drying time	Touch dry from 2 to 4 hours depending on weather conditions. Through dry after at least 24 hours. (This time may be extended depending on temperature and humidity).
Recoating	After 24 hours depending on weather conditions. Full hardening and final resistance properties of the product are achieved after 4 days at least. (This time may be extended depending on weather conditions).
Solvent	Water
Thinning	Ready to use after the optional adding of Component B'
Impact Test Results	Absence of cracks in height 1m, by 1Kg falling weight (EN ISO 6272)
Permeability to water vapor	Class I (EN ISO 7783) *
Thermal cycling without de-icing salt impact	>2 N/mm ² (EN 13687-3)*
Capillary absorption and water permeability	< 0,1 Kg/ m ² · h ^{0,5} (EN 1062-3)*
Adhesion	> 2 N/mm ² (EN 1542)*
Permeability to CO2	> 50 m (EN 1062)*

V.O.C. Emissions Compliance with 5.3 (EN 1504-3)*

*Based on the system: Quartz + Deco Cire Gold Star Fine + PU Varnish

According to 2004/42/EC

Phase II, Subcategory I, decorative effect coatings, V.O.C content limit value = 200gr/lit, Maximum V.O.C. Content = 30gr/lit (ready to use).

Instructions precautions - Prevent environmental impact – ADR

Empty containers and unused product must be disposed in compliance with applicable legislation and local regulations. Keep the workplace well ventilated during the application process. Wear protective gloves and goggles. According to the ADR agreement, road transport of the product is not classified as dangerous. For further information you may request the Safety Data Sheet of the product.

Storage

Keep cans air - tight sealed and protect from frost. For long - term storage the product is best kept indoors to avoid its exposure to very low or very high temperatures as well as high humidity conditions.

All the above information is based on laboratory tests and long-term experience of the company's scientific personnel. Product quality is guaranteed by our operational system, which is based on the requirements of ISO 9001, ISO 14001 and OHSAS 18001 Standards and EMAS Regulation. As producers we don't take any responsibility for any damage that may be caused in cases that the product hasn't been used for the appropriate application and according to the application instructions.

BERLING SA

Paint Industry

Inofita Viotias, P.C. 32011

tel.: +30 22620 31663, fax.: +30 22620 31293

www.berling.gr / info@berling.gr

