



DECO CIRÉ

Decorative Forced Scream
for horizontal and
vertical surfaces.

8.19

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Description

A ready-to-use pasty monolithic mortar designed for application on vertical and horizontal surfaces. Due to its special composition and scalar aggregates it provides an aesthetically excellent and smooth finish of traditional Cycladic coating, in two shades, very light gray and white color as well as in a series of indelible shades through the Berling 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 indoors and outdoors once the appropriate recommended system is applied.

Purpose of Use

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

Product Characteristics

- > Ready-to-use pasty material.
- > Water-repellent.
- > High elasticity.
- > Mildew resistant.
- > Stable quality and color throughout the application process.
- > No loss of material as it does not dry or hardens.
- > Available in many shades
- > CE Marking, according to EN 1504-2 : 2004

Shades

Available in white and light gray. 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 mode of application.

Recommended paint systems

Old and new surfaces. / Proposed application surfaces:

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

Primer - Substrate	Quartz adhesion primer.	1 coat.
Final coat	DECO CIRE	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 the DECO CIRE final coat).	2 coats.

Packing:
15kg



Bases:



Coverage:
1,5 - 1,7 kg/m²/mm
of film



Drying time:
2 - 4 hours
(touch dry)



Application:
With a plastic or metal
coating spatula



Stir well with a metal
stirrer until the mixture
is homogenous.



Allow the mixture to
stand for five minutes
and then apply.

Protection for bathrooms	Berocyd 111 , especially for internal surfaces in bathrooms (it is applied at least 7 days after the DECO CIRE final coat).	2 coats.
Protection for demanding surfaces	PU VARNISH (Two component polyurethane varnish).	2 coats (each coat with an interval of 24 - 48 hours).
Optionally On surfaces larger than 25m ² .	Alkaline resistant mesh 140 - 160gr. (In case of mesh use, more coats of DECO CIRE are required.)	

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15kg



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

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

Adhesion Primer	Berocyd 111 adding quartz or Quartz Tiles	1 coat & within 48 hours the final coat.
Final coat	DECO CIRE	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 the DECO CIRE final coat).	2 coats.
Protection for bathrooms	Berocyd 111 , especially for internal surfaces in bathrooms (it is applied at least 7 days after the DECO CIRE final coat).	2 coats.
Protection for demanding surfaces	PU VARNISH (Two component polyurethane varnish).	2 coats (each coat with an interval of 24 - 48 hours).
Obligatory use of mesh On surfaces larger than 25m ² .	Alkaline resistant mesh 140 - 160gr. (In case of mesh use, more coats of DECO CIRE are required.)	

Drying time:
2 - 4 hours
(touch dry)



Application:

With a plastic or metal coating spatula



Stir well with a metal stirrer until the mixture is homogenous. Allow the mixture to stand for five minutes and then apply.



Application conditions

Apply when ambient temperature is 10 - 35°C and relative humidity of 80% maximum.

Application Instructions

Thoroughly clean the surface where the material is to be applied from dust, salts, grease, old peeling paints or concrete pieces etc. Stir well before use. Before applying, use the specific additional component B in a ratio of 0,500 kg/15 kg DECO CIRE and stir well.

Vertical surfaces: Apply the specific primer according to the surface type and then apply DECO CIRE using a plastic or metal coating spatula depending on the effect you want to achieve. For surface protection and waterproofing always apply the recommended protection.

Floors, stairs, etc.: Apply the specific primer according to the surface type. Then apply DECO CIRE using a plastic or metal coating spatula depending on the effect you want to achieve. For greater mechanic strength use of mesh 140-160gm/m² is required after the DECO CIRE first coat application 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 140-160gr) 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 ratio of 0,500kg/15kg.

Technical Characteristics

Specific Gravity	1,75 ± 0,03 gr/cm ³ (ISO 2811).
Viscosity	Highly thixotropic.
pH	7,8-8,8
Coverage	1,5 - 1,7kg/m ² /mm of film, depending on mode of application.
Drying time	Touch dry from 2 to 4 hours depending on weather conditions. Through dry will take at least 24 hours. (Longer dry time may be required 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. (Longer dry time may be required depending on weather conditions).
Solvent	Water
Thinning	Ready to use after adding Component B.
Impact Test Results	Absent of Cracks in height 1m, by 1Kg falling weight. (EN ISO 6772).
Permeability to water vapour	Class I (EN ISO 7733)*
Capillary absorption and water permeability	< 0,1 Kg/ m ² · h ^{0,5} (EN ISO 7783)
Thermal cycling without de-icing salt impact	>2 N/mm ² (EN 13687-3)*
Adhesion (bond strenght)	> 2 N/mm ² (EN 1542)*
Permeability to Co2	> 50 m (EN 1062)*
Release of dangerous substances	Comply with 5.3 (EN 1504-2)*

*Based on the System: Quartz+Deco Cire+ PU Varnish

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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).

Storage

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

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.

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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 ISO 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.

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Color has a Name!