



BEROCYD 401 A+B

11.3

Two component epoxy paint

Packaging	1 Lt B Component	2,6 Lt A Component
Bases	—	—
Matt		
		Gloss

Description

Two component epoxy paint. Suitable for painting iron and concrete surfaces, such as pools, industrial floors, garages ect. Its special composition allows its application at temperatures above 13°C and relative humidity up to 80%. For external use it is recommended to recoat with Berling's anticorrosive enamel Duco or with two component acrylic-polyurethane enamel for cars, to elongate the epoxy coat's lifetime.

Product Characteristics

- Two component epoxy paint.
- Very good adhesion.
- Great resistance to weather condition changes.
- Harmonized to 2004/42/EK.

Application Instructions

Mix Components A and B at a proportion 4:1, while stirring well. The mixture is thinned with Berling's solvent Beroxy 001 at a percentage up to 20% by volume. The time interval between two successional coatings is one day.

After use, clean tools with Beroxy 001. Manage eluants as hazardous waste in accordance with the valid legislation and the local regulation.

Technical Specifications

Binder: Epoxy resin.

Pigments: Titanium dioxide.

Fillers: Talc, barium sulfate.

V.O.C.: 500gr/lit (Maximum content of VOC for ready to use product).

Special gravity of A component: $1,56 \pm 0,03\text{gr/cm}^3$ (ISO 2811).

Special gravity of B component: $0,92 \pm 0,03\text{gr/cm}^3$ (ISO 2811).

Viscosity of A Component: 115 - 130 K.U., 25°C (ASTM D562).

Viscosity of B Component: 50 - 100sec, 25°C (Flow Cup DIN 53211).

Pot Life: 6-10hours, after mixing, depending on weather conditions.

Solvent: White Spirit.

Final Hardness: The product obtains its final hardness 7-10 days after application. That's why the recoating procedures should be completed within th is period of time.

Coverage: 8 - 10m²/lit mixture for dry film thickness 30-40mm.

Thinning: It is thinned with Berling's solvent Beroxy 001 at a percentage of 20% by volume.

Application: It is applied by brush, roller or airless gun.

Recoating: After 24 hours.

Shades

Available in white, gray and light blue.

Labelling - Environmental effect prevention

A Component: Flammable liquid and vapour. Causes skin irritation. If medical advice is needed, have product container or label at hand. Keep out of reach of children. Read label before use. Wear protective gloves / protective clothing / eye protection / face protection. Wear respiratory protection. IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower. Take off contaminated clothing and wash before reuse. In case of fire: Use ABC powder extinguisher to put it out. Dispose of the contents / containers in accordance with the current legislation on waste treatment.



B Component: Toxic to aquatic life with long lasting effects. Causes serious eye damage. Flammable liquid and vapour. Causes skin irritation. May cause drowsiness or dizziness. If medical advice is needed, have product container or label at hand. Keep out of reach of children. Read label before use. Wear protective gloves / protective clothing / eye protection / face protection. Wear respiratory protection. IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Dispose of the contents / containers in accordance with the current legislation on waste treatment. Repeated exposure may cause skin dryness or cracking. Do not drink, eat or smoke while handling the product. Wash hands with suitable cleaning products. Use personal protective equipment with CE marking (gloves, glasses, respiratory equipment, ect). For more information ask for the Material Safety Data Sheets.



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. Do not expose the product to direct sunlight or other heat sources, sparkles or flames.

Transportation

ADR, UN. 1263, Class 3, Packaging group III.

ACCORDING TO 2004/42/EK

PHASE II, Subcategory j, Two pack reactive performance performing coatings,
Max VOC content limit value = 500gr/lt, max VOC content value = 500gr/lt (ready to use product).

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 and ISO 14001 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

