

BEROCYD 401 - TWO COMPONENT A+B

Two component epoxy paint



07.2023 V.03

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 13oC 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.



Stir well before use



Coverage:
8-10 m²/lt



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



Paint:
Roller



Paint:
Brush



Paint:
Airless gun

Product Characteristics

- Two component epoxy paint.
- Very good adhesion.
- Great resistance to weather condition changes.
- Free of lead, mercury, and other heavy metals.
- Harmonized to 2004/42/EK.

Shades

Available in white, gray, and light blue.

Packaging:

A Component:
2,61lt
18,2lt

B Component:
1lt
7lt



The above information is based on laboratory audits and the long experience of the scientific staff of the company. The quality of the product is guaranteed by the company's operating system which is based on the requirements of ISO 9001, ISO 45001, ISO 14001 and the EMAS regulation. As producers we are not responsible for any damage or damage caused in the event that the product has not been used for the appropriate application and in accordance with its instructions for use.

Technical Specifications



V.O.C	500gr/lit (Maximum Volatile Organic Compounds content ready for use).
Density	A Component: 1,56 ± 0,03gr/cm ³ (ISO 2811). B Component: 0.92 ± 0,03gr/cm ³ (ISO 2811).
Viscosity	A Component: 115 - 130 K.U., 25°C (ASTM D562). B Component: 50 - 100sec, 25°C (Flow Cup DIN 53211).
Performance	8 - 10m ² /lit mixture for dry film thickness 80mm.
Thinning	It is thinned with Berling's solvent Beroxy 001 at a percentage of 20% by volume.
Pot life	4-6 hours, after mixing at 20°C
Application	The product is applied by brush or roller or airless gun.
Recoating	Repaint after 24 hrs, depending on weather conditions. (The drying time might be elongated according to temperature and humidity conditions)
Final curing	7-10 days after the application.

ACCORDING TO 2004/42/EK

PHASE II,
Subcategory j, two
pack special
coatings, Max VOC
content limit value
= 500gr/lit, max
VOC content value
= 500gr/lit (ready to
use product).



Storage

Storage indoors to avoid exposure to high or low surfaces and high humidity conditions. Avoid sources of heat, radiation, static electricity, and storage near food. Keep container tightly closed. After opening can use product in a short period of time. Close the can well.



Safety Instructions- Prevention of environmental harming

Minimize paint wastage by estimating how much paint you will need. Recover unused paint for reuse. Reuse of paint can effectively minimize the products life cycle environmental impact. Clean tools with water and soap. Do not put residual paint down the kitchen sink or toilet or into a waste bin. Empty cans with paint residues should be handled the same way and disposed according to local Regulations. You should ask for advice for the local government section responsible for the collection and disposal of waste. Ask for advice from an authorized body for waste recovery. Wear protective gloves and goggles/ Do not eat, drink when handling the product. Wash wand with suitable cleaning products. Keep out of reach of children. Always read the can label before use.
For further information ask for the Safety Data Sheet of the product.

The above information is based on laboratory audits and the long experience of the scientific staff of the company. The quality of the product is guaranteed by the company's operating system which is based on the requirements of ISO 9001, ISO 45001, ISO 14001 and the EMAS regulation. As producers we are not responsible for any damage or damage caused in the event that the product has not been used for the appropriate application and in accordance with its instructions for use.

Recommended application systems



Industrial floors and concrete pools

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.

The above information is based on laboratory audits and the long experience of the scientific staff of the company. The quality of the product is guaranteed by the company's operating system which is based on the requirements of ISO 9001, ISO 45001, ISO 14001 and the EMAS regulation. As producers we are not responsible for any damage or damage caused in the event that the product has not been used for the appropriate application and in accordance with its instructions for use.