

Epoxy Floor Paint



2 - COMPONENT, EPOXY PAINT - **solvents free**

Characteristics:

- Good chemical and mechanical resistance
- Easy application.
- Slip resistant surface possible.

EPOXY FLOOR PAINT – two-component, solvent free, epoxy paint, offering high strength and abrasion resistance. It is resistant to acids, alkalis, salt or chlorinated water, and a large number of solvents. Is used as a roller-applied coating on cement-based substrates, such as cement screeds, concrete, microcemento etc., as well as on steel or iron surfaces. It is suitable for industrial areas, warehouses, stores, car workshops, supermarkets, laboratories, hotels, garages, areas with heavy traffic, etc.

Directions for use

Substrate preparation: The substrate must be clean and free of dust, loose materials, oil, grease etc. The humidity of the cementitious substrate should not exceed 4%, while the relative humidity in the application area should be less than 65%). Iron or steel surfaces should be free of rust or any corrosion that might impair bonding. All kind of substrates should be primed with Epoxy Primer.

Mixing: Components A (resin) and B (hardener) are packaged in two separate containers, having the correct predetermined mixing ratio by weight. The entire contents of component B is added to component A under continuous stirring. The two components should be mixed with a low-rpm drill for 2-3 minutes until the complete homogenization of the mixture. Mixing should also be done both on the walls as well as at the bottom of the container to ensure complete homogenization of the 2 components.

Attention: Improper mixing procedure or incorrect mixing ratio may result in slow cure, soft spots and other defects.

Application

For smooth surface: The mixture is applied with a roller in one or two coats. The second coat is applied after the first one is dry, but always within the next 24 hours.

For slip resistant surface:

The mixture is poured onto the primed floor and spread it using a floor squeegee. Use a spiked roller and spread the fresh mixture evenly on the surface and eliminate the air bubbles that may have been trapped. While the mixture is still fresh, disperse onto the still fresh coat QUARTZ SAND. 24 hours later remove any loose sand grains with a shop vacuum. Once clean, apply the final topcoat that seals the surface and offers the perfect anti-skid floor.

Technical characteristics (measurement conditions 23 °C & 50%R.H.)

Product identity	
Chemical base	2 - component epoxy resin without solvents
Color	White, grey and other colors upon order. (Under direct sunlight there maybe some discolouring and color variation, although this has no influence on the performance of the coating.)
Application data	
Mixing Ratio (A:B)	100:25 by weight
Density	1.5 ± 0.05kg/L
Application temperature	+10 °C - +35 °C
Pot life	About 40min at 23 °C
Walkability	24 hours depending on the ambient temperature and humidity

Notes!

- ✓ Epoxy systems are sensitive to ambient temperature and humidity, until their final cure.
- ✓ Do not apply epoxy floor paint on substrates with rising moisture.
- ✓ Freshly applied floor paint must be protected from damp, condensation and water for at least 24 hours.
- ✓ For normally absorbent concrete substrates priming is not necessary.
- ✓ The incorrect assessment and treatment of cracks may lead to a reduced service life and reflective cracking.
- ✓ For exact colour matching, ensure that epoxy floor paint in each area is applied from the same batch number.

Cleaning: Clean all tools with THINNER, immediately after use.

Consumption

Smooth surface: 250-300gr/m²/layer

Slip-resistance surface: 400-600gr/m²/layer

Storage: 18 months from production date if stored in original sealed packaging, in areas protected from humidity and direct sunlight. Recommended storage temperature between +5°C and +35°C.

Packaging

1 kg (A: 0.8kg, B: 0.2kg)

5 kg (A: 4kg, B: 1kg)

WEIGHT/ PACKAGE	ITEM CODE CATALOGUE
 1kg	E003
 5kg	E004

Note:

The directives that are given above for our products are based on extensive research and experiments that were done by accredited European laboratories. We guarantee the constant and high quality of our products. Also, the information that is provided in this document, constitute the opinion of Producer Company, however can be effected from others. The users of the product have the responsibility to follow correct processes of health and safety. We do not have any responsibility for any damage or loss by factors that are not controlled by our company. For any other information, please contact with AVRAAM PITTAKIS and SONS LTD.