



NEOFLOOR EP 3D

TRANSPARENT/DECORATIVE EPOXY COATING COMPONENT

DEFINITION;

It is a two-component, solvent-free, low-viscosity, epoxy resin-based decorative floor coating material that can be applied in a single coat to a thickness of 3 mm.

AREAS OF APPLICATION;

- As a 3D decorative coating applied directly onto concrete screed surfaces or onto images applied to screed,
- As a decorative and protective coating after epoxy or polyurethane mortar, self-leveling, and terrazzo applications,
- As a protective coating providing moisture, abrasion, and chemical resistance on floors made of composite panels such as Betopan and MDF.

ADVANTAGES;

- Can be applied up to 3 mm thick in a single application,
- Very good spreadability and excellent adhesion to different surfaces,
- Good chemical and water resistance,
- High pressure and abrasion resistance.

TECHNICAL SPECIFICATIONS

Physical Characteristics;

QUALITY (23°C, 50% RH)	VALUE	STANDARD & METHOD
Appearance	A Com.: Şeffaf ,Sıvı B Com.: Şeffaf, Sıvı	-
Density (gr/cm3)	A+B Com.: 1,07 ± 0,05	EN ISO 2811-1
Solid (%)	A+B Com.: 100	EN ISO 3251



Note: This product is intended for professional users. The information in this publication is based on our professionally acquired knowledge and experience. This information does not relieve users of the responsibility to test the suitability of our products for their intended use. Since the application and use of our products are beyond our control, none of the recommendations are covered by our warranty. Users must evaluate our products under their own conditions, and the responsibility rests entirely with them. Technical data sheets for all our products are updated regularly. Users are responsible for obtaining the latest version.

Balçık Mh. 3236 Sk. No:34
Gebze - Kocaeli - Türkiye
Telephone: +90 262 320 07 65
www.neopolkimya.com.tr
info@neopolkimya.com.tr

NEOFLOOR EP 3D

TRANSPARENT/DECORATIVE EPOXY COATING COMPONENT

Technical Properties After Application And Curing;

QUALITY (23°C, 50% RH)	VALUE	STANDART & METHOD
Mixing ratio	67:33	-
Pot Life (Min.)	30	100 gr (A+B)
Opening to Light Traffic (Day)	1	23°C' - 50% RH
Full Cure (Days)	7	

APPLICATION INFORMATION

Surface Information::The application surface must be clean and sound. Attention should be paid to the application time of the previous primer or intermediate coat; and the subsequent coat application time.

Environmental Conditions:

The relative humidity of the air should be a maximum of 80%, and the application temperature (ambient and surface) should be between +5°C and +35°C. The ground temperature should be 3°C above the current dew point temperature. (Please request the ambient temperature-humidity-dew point temperature table from our company.)

Preparation of the Mixture: This is a two-component product and should be prepared in the specified mixing ratio, taking into account the pot life and the amount to be consumed. To obtain a homogeneous mixture, ensure the product temperature is not less than 15°C. Carefully add component B to component A, paying attention to the mixing ratio, and mix with a mechanical mixer at low speed for at least 3 minutes until components A and B are homogeneous. Allow the mixture to rest for 5 minutes and ensure it is consumed within its pot life.

Surface Application: The prepared mixture is applied to the surface using a roller or notched trowel to the desired thickness, ensuring the surface is saturated and pores are sealed. For thin applications, the recommended consumption is 0.50 – 0.60 kg/m². For thicker applications, wait 10-15 minutes after spreading the material on the surface. Then, the surface is scouring with a spiked roller to remove air bubbles. For 3D applications, it should be poured to a thickness of 2-3 mm to create a sense of depth on the surface. It reaches full mechanical and chemical resistance in approximately 7 days. Tool

Cleaning: With cellulosic or epoxy thinner.

PACKAGING INFORMATION

A 15 kg set of NEOFLOOR EP 3D consists of 10 kg of NEOFLOOR EP 3D A in a bucket and 5 kg of NEOFLOOR EP 3D B in a gallon.

STORAGE INFORMATION:

The material should be stored in a cool, dry place. When stored correctly in its unopened original packaging, the shelf life of the material is 1 year for components A and B.

HEALTH/SAFETY INFORMATION

During application, appropriate work clothing, protective gloves, goggles, and a mask should be used in accordance with occupational health and safety regulations. Due to the irritating effects of the uncured product, the components should not come into contact with the skin and eyes. In case of contact, wash thoroughly with soap and water. In case of ingestion, seek immediate medical attention. For detailed information, please request the Safety Data Sheet (MSDS) from your supplier. Keep out of reach of children. Comply with the Safety Data Sheet (SDS) prepared in accordance with EU directives for this product.



Note: This product is intended for professional users. The information in this publication is based on our professionally acquired knowledge and experience. This information does not relieve users of the responsibility to test the suitability of our products for their intended use. Since the application and use of our products are beyond our control, none of the recommendations are covered by our warranty. Users must evaluate our products under their own conditions, and the responsibility rests entirely with them. Technical data sheets for all our products are updated regularly. Users are responsible for obtaining the latest version.

Balçık Mh. 3236 Sk. No:34
Gebze - Kocaeli - Türkiye
Telephone: +90 262 320 07 65
www.neopolkimya.com.tr
info@neopolkimya.com.tr