

DFC 310

It is a two components, solvent-free, smooth-finish, easy-to-apply topcoat epoxy coating designed for industrial floors, providing a non-slip surface.

■ ADVANTAGES

It has excellent resistance to chemicals, is resistant to friction and abrasion, creates a seamless surface, is easy to clean, is hygienic, does not require maintenance for a long time, is easy to apply and does not contain solvents.

■ SCOPE OF APPLICATION

It can be applied in factories, warehouses, shopping malls, workshops, aircraft hangars, schools, hospitals, pharmaceutical industry, food industry, laboratories, parking lots, treatment facilities, areas where heavy forklifts and corrosive chemicals are used.

■ CONSUMPTION

Minimum toplam tüketim: 0,7-0,9 kg/m²

■ STORAGE

Packaging	19 kg + 5 kg / Set
Colour	A Comp. RAL Colours - B Comp. Transparent
Shelf Life	It can be stored for a minimum of 12 months in its unopened original buckets, in dry environments at temperatures between 5°C and 25°C. The material in the opened bucket should be used as soon as possible.

■ WARNINGS AND RECOMMENDATIONS

Flammable, products should be kept away during application. There should be no smoking. Care should be taken to ensure constant ventilation of the application area. Protective equipment such as glasses and gloves should be used during application. In case of eye contact, wash thoroughly with plenty of water. For detailed information, please request the Material Safety Data Sheet. It should be kept out of reach of children. The product should be consumed by professional users, taking into account the data in the technical information section.

All technical information stated in this product data sheet is based on laboratory tests. Actual values may vary due to circumstances beyond our control.

■ APPLICATION FEATURES

Surface Preparations

Oil, wax, grease, water repellents, loose parts that do not adhere to the surface and that can easily lift off, and dust that will weaken the adhesion forces on the surface should be cleaned and removed with a floor milling machine. New concrete must be at least 28 days old. The surface should be primed before application. The concrete surfaces to be applied must have at least the following standards:

-Hardness: R28 = 15 Mpa

-Temperature: (10)°C (30)°C

-Surface humidity: < 4%

Preparation of the Mixture

Component A and component B come in separate packages with pre-mixed proportions.

Component B is completely poured into component A and mixed. Mixing should be done with a mixer at 300 rpm. It is a two-component product and should be prepared in the specified mixing ratio for the amount to be consumed, taking into account its pot life. In order to obtain a homogeneous mixture, the product temperature should be taken that the product temperature is not less than 15°C. Component A should be mixed quickly with a mechanical mixer, and the hardener (component B) should be added, paying attention to the mixing ratio. Components A and B should be mixed with a mechanical mixer for at least 3 minutes until they become homogeneous. Care should be taken to consume the prepared mixture within its pot life.

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DFC 310**■ TECHNICAL SPECIFICATIONS AND PERFORMANCE VALUES**

Colour		A Comp. RAL Colors B Comp. Transparent
Intensity	ASTM D1475 / DIN 53217 / ISO 2811, 20°C	A Comp: 1,70±0,1 g/cm ³ B Comp: 1,0 ±0,1 g/cm ³
Hardness (7 days)	ASTM D2240 / DiN 53505 / ISO R868	75 Shore D
Viscosity (Mixture)	ASTM D 2196-86 / EN ISO 3219 (+25°C)	1500 cP
Mixing Ratio (A+B)		19+5 by weight
Wear Resistance (7 days)		30-35 mg
Compressive Strength	EN 196-1	50 (N/mm ²)
Flexural Strength		20 (N/mm ²)
Adhesion to Concrete	ASTM D4541	1,5 (N/mm ²)
Pot Life		40-60 min

The technical specifications written above were written according to the test results performed under 23°C and 50% relative humidity conditions. Values may vary under different temperature and humidity conditions.

APPLICATION:

The mixture is ready for application and is applied in both directions with a short pile roller. While applying; The relative humidity of the air should be at most 80% and the application temperature (environment and surface) should be between +10°C and +30°C. It should not be rainy in open areas 24 hours before, during and 24 hours after application. The ground temperature must be 3°C above the current dew point temperature. The applied surfaces must be protected for at least 24 hours. The material reaches the mechanical values given in the technical data sheet in approximately 7 days.

■ SAFETY PRECAUTIONS

During use and storage, appropriate work clothes, glasses, gloves and masks should be used for worker health and safety. Eye, mouth and skin contact should be avoided. The contacted area should be washed with clean of water. In more dangerous situations or if the product is swallowed, a specialist doctor should be consulted immediately. Food and drink should not be allowed into application areas. It should be kept out of reach of children. For detailed information, the Safety Data Sheet (SDS) should be consulted.

All technical information stated in this product data sheet is based on laboratory tests. Actual values may vary due to circumstances beyond our control.

■ LEGAL WARNING

Applications that may occur if the product is used for purposes other than its intended purpose or if the above-mentioned conditions are not complied with: from the mistakes of İzersan Yapı Malz. San. Ve Tic. Ltd. Şti. is not responsible.

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