

DFC 400

Solvent-Free Epoxy Topcoat Paint is a two-component orange peel-looking epoxy coating.

■ ADVANTAGES

Its distinctive features are high surface hardness, water and chemical resistance, high mechanical resistance and easy cleaning.

■ SCOPE OF APPLICATION

It is applied as an intermediate and final coat on metal or concrete in factories, warehouses, shopping malls, workshops, aircraft hangars, schools, hospitals, pharmaceutical industry, food industry, laboratories, parking lots, treatment plants, areas where heavy forklifts and corrosive chemicals are used.

■ 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 clean 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.

■ STORAGE

Packaging	19 kg + 5 kg / Set
Colour	-
Shelf Life	12 months from the date of production in dry and moisture-free environments, provided that the packaging is not opened or damaged. The packaging should be tightly closed when not in use. Packaging should be protected from frost and sun.

■ CONSUMPTION

Minimum total consumption: 0.7-0.9 kg/m²

■ APPLICATION FEATURES

For Concrete Surfaces: Dust and loose tissues must be completely cleaned. The prepared concrete surface should be impregnated with Solvent-Free Epoxy Impregnation primer, taking into account the application instructions. Cracks and potholes on the surface, if any, should be repaired using epoxy air/paste. Surface Preparation (Concrete Surfaces): Primer surface DFC 400 Solvent-Free Epoxy top coat is applied by taking into account the application instructions and forming a pattern with a brush, roller or coral roller to a dry film of approximately 200-300µ.

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

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■ TECHNICAL SPECIFICATIONS AND PERFORMANCE VALUES

Brightness	Shiny
Density (Mixture)	1,55- ±0,05 gr/cm ³ TS EN 150 2811-1
Solids Mixture (%)	100 by weight
Shore D	75-80
Application Thinner	Not diluted
Mixing Ratio	By weight: A/B:19/5
Pot Life	30-35 Minutes /23°C, 200 g, DiN 16945
Method of Application	Brush, Roller, Coral Roller

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.

■ DRYING TIME

Touch Dry : 6-8 hours 23°C TS 4317
Floor Admission: 24 hours 23°C TS 4317
Full Drying : 7 days 23°C TS 4317

■ 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.

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■ CHEMICAL RESISTANCE TABLE

CHEMICAL MATTER	RESISTANCE
Sulfuric Acid (H ₂ SO ₄) 10%	3-2
Sulfuric Acid (H ₂ SO ₄) %20	3-2
Hydrochloric Acid (HCL) 10%	3-2
Hydrochloric Acid (HCL) 20%	3-2
Nitric Acid (HNO ₃) 10%	3
Acetic Acid (CH ₃ COOH) 10%	3
Ksilen 2	3
Ethyl Alcohol	3
Solvent Naphtha	3
Sodium Hydroxide (NaOH) 20%	3

■ 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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