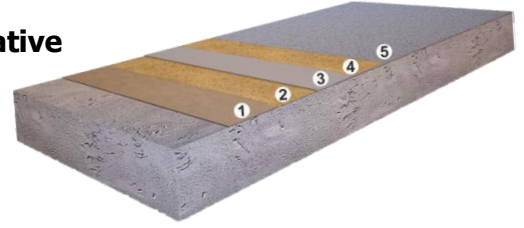


# FOX DECO SYSTEM DECOFLAKE FAST SYSTEM

## Polyaspartic Based, Fast Curing, UV Resistant, Decorative Flake Coating System

### Description

**DECOFLAKE FAST SYSTEM** is a polyaspartic based, fast curing, UV resistant, high chemical resistant, decorative flake coating system



- 1) Primer
- 2) Coating
- 3) Spread
- 4) Finish coating
- 5) Finish coating (optional)

### Polyaspartic Based, 0.5-1.0 mm Thick, Decorative Flake Coating System

	Layer	Product	Consumption kg/m <sup>2</sup>	Description
1	Primer	<b>FOX ASPARTHANE® PRIMER</b>	~0,25	Polyaspartic based, two-component, low viscosity, solvent-free, fast curing, transparent primer can be applied by roller or trowel.
2	Coating	<b>FOX ASPARTHANE® BASECOAT</b>	~0,35	Polyaspartic based, two-component, low viscosity, solvent-free, fast curing, bright colored, floor coating material can be applied by roller or trowel.
3	Spread (Full Coating) *	<b>FOX DECOFLAKE</b>	~0,30	Colored flake used in decorative floor coatings.
4	Finish Coating	<b>FOX ASPARTHANE® CLEARCOAT</b>	~0,20	Polyaspartic based, two-component, low viscosity, solvent-free, fast curing, transparent top coat floor coating material (can be applied after 1 hour, can be opened to traffic after 2 hours) can be applied with trowel or roller.
5(a)	Finish coating (optional)**	<b>FOX DOMINO® AC SEALER FD792</b>	~0,03	Acrylic based, one-component, water-based, anti-dusting, water repellent, top coat extra glossy protection material can be applied with a roller.
5(b)	Finish coating (optional)**	<b>FOX PURATHANE® TOPCOAT WB ŞEFFAF MAT</b>	~0,10	Polyurethane-based, two-component, water-based, top coat matt protection material can be applied with a roller.

Primer and consumption in the systems are given as predictions. Depending on the ground condition and ambient conditions; primer and consumption may vary.

\*Decoflake is spread with a consumption of ~0,30 kg/m<sup>2</sup> for full coating.

Decoflake is spread with a consumption of ~0,10 kg/m<sup>2</sup> for standard coating.

For Decoflake sparse coating, sprinkle with a consumption of ~0,03 kg/m<sup>2</sup>.

\*\*Optional topcoats are used for matt or extra gloss.

<b>System thickness</b>	~ 0,5-1,0 mm
<b>Substrate Preparation</b>	The cement grout on the concrete surfaces to be paved is cleaned from the surface using abrasive equipment (shot blasting, milling machine, diamond wiping, etc.). Weak concrete pieces should be removed from the surface, small gaps and holes should be made completely open. The resulting dust should be cleaned with the help of an industrial vacuum cleaner. Gaps, cracks and broken concrete on the sub-surface must be filled and surface smoothness must be ensured. <b>FOX MORTAR FC188 T/FOX FASTMORTAR FC245/FOX FASTMORTAR FC233</b> is used for surface repairs, filling the gaps and smoothing the surface.
<b>Watch Points</b>	<ul style="list-style-type: none"> <li>• The concrete surfaces to be paved must be at least 28 days old. Concrete class must be at least C20 and tensile strength must be at least 1.5 N/mm<sup>2</sup>.</li> <li>• Water and moisture content at 2 cm concrete depth must be below 4%. Test method: C-Aquameter, CM-Device, Darr Method</li> <li>• During application, the ambient and surface temperature should be minimum +10°C and maximum +30°C. Do not apply in extremely hot, rainy or windy weather.</li> <li>• If the ambient temperature is too high or too low, the materials to be used are brought to about 20-25°C and applied in that way on the field.</li> <li>• While the coating is fresh, it should be protected from water, rain, dust, wind and foreign objects.</li> <li>• In resin-based systems, pot life and curing times are affected by ambient temperature, ground temperature and humidity in the air. At low temperatures, curing slows down, which extends pot life, coating time and working time. At high temperatures, curing accelerates, which shortens container life, coating time and working time.</li> <li>• During the curing of the product, care should be taken to ensure that the ambient and floor temperature remains within the minimum and maximum temperature levels given. After completion of the application, the coating should be protected from direct water contact for at least 24 hours. If water contact occurs, softening, blistering, fogging and discoloration will occur on the coating. This will cause the coating to lose its properties. In this case, the coating on the deteriorated part must be completely removed and redone.</li> <li>• Consumptions are given for conditions where the ambient and surface temperature is accepted as +20°C. Actual consumption may vary depending on surface structure and ambient temperature. It should be kept in mind that consumption will increase in case of deteriorated surfaces and cold weather conditions.</li> </ul>



## Fields of Application

- In stores, shopping malls and offices,
- In laboratories, in hospitals,
- In showrooms, garages, hotels
- In schools, in kindergartens,
- Airplane hangars, airports,
- In the gyms,
- Suitable for use in light industrial plants and warehouses.

## Advantages

- Suitable for decorative and industrial use.
- The colored **FOX DECOFLAKE** in its content gives the floors a modern and stylish appearance.
- Fast curing.
- Provides long-lasting protection against color fading thanks to its UV resistance.
- It has slip resistance.

## System Technical Properties

Color		Ral Colors
View		Glossy/Matt
Adhesion Strength	Concrete	≥1,5 N/mm <sup>2</sup>

The above values are given for +23°C and 50% relative humidity. High temperatures shorten the time, low temperatures lengthen the time.

## Coating Open Time

**FOX DECOFLAKE FAST** system becomes walkable 24 hours after the application is completed (at 25°C), but reaches its final mechanical and chemical strength after 7 days. Lower temperatures extend these times.

## Cleaning and Maintenance of the Coating

Regular cleaning and maintenance prolongs the life of the floor and reduces the tendency to contamination. It is recommended to clean polyurethane floor coatings with **FOX CLEANER FR340**. Please contact our technical sales representatives for cleaning, maintenance products and maintenance.

## Safety Precautions

During application, work clothes, protective gloves, goggles and mask should be worn in accordance with occupational health and safety rules. Avoid contact with skin and eyes during storage and application, in case of contact, wash immediately with plenty of water and soap, and in case of ingestion, consult a doctor immediately. Food and beverage materials should not be brought into the application areas. It should be stored out of the reach of children. For detailed information, Material Safety Data Sheet should be consulted.

## Note

Consumptions for the system given above are based on ideal weather, ambient and ground conditions. Changes in ambient and ground conditions may lead to changes in consumption and system solution. For this reason, before the system solution, Fox Bau Yapı Kimyasalları A.Ş. should be seen by the expert staff and/or Expert Applicator Dealers and then the system solution should be applied.



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