

SYSTEM DATA SHEET

Sikafloor® DecoDur Flake WB

WATER BASED DECORATIVE FLAKE SYSTEM ENGINEERED WITH SIKAFLOOR® - 2540 W NA
21 - 25 MILS (0.5 - 0.6 MM)

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PRODUCT DESCRIPTION

Sikafloor® DecoDur Flake WB is a water based, breathable, aesthetic, easy to clean, seamless floor using a water based epoxy binder, randomly broadcast with colored vinyl flake and sealed with a flexible clear polyurethane matte finish. The system is highly customizable with an extensive color palette. Final surface options include: integral cove base and variable surface texture to produce a range of slip-resistant finishes. Sikafloor® DecoDur Flake WB is typically installed @ 21 -25 mils (0.5 - 0.6 mm).

USES

Sikafloor® DecoDur Flake WB may only be used by experienced professionals.

- High moisture concrete
- Medium duty manufacturing
- Walkways and corridors
- Employees break rooms
- Assembly areas

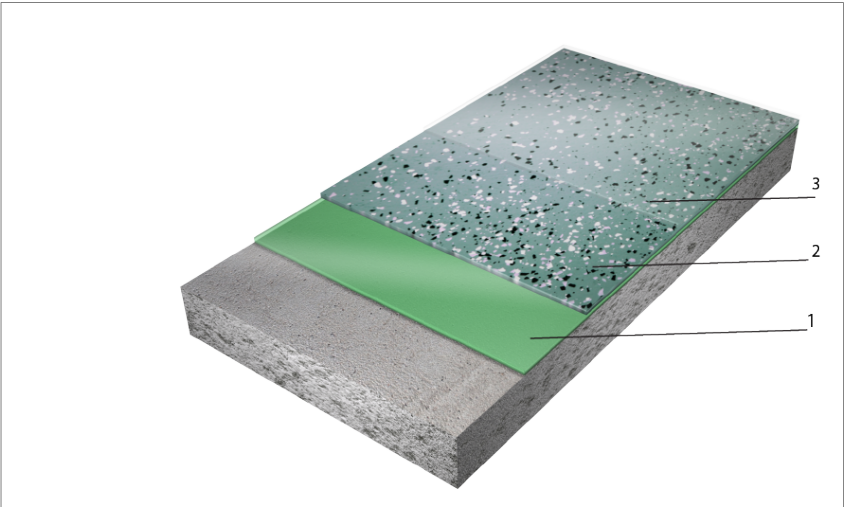
CHARACTERISTICS / ADVANTAGES

- Water based, low VOC's
- Breathable
- High abrasion and impact resistance
- Excellent penetration and adhesion
- Easy application
- Rapid recoat times

SYSTEM INFORMATION

System Structure

Sikafloor® DecoDur Flake WB ~21 - 25 mils (0.5 - 0.6 mm)



Description	Products	Thickness mils
1. Primer	Sikafloor®- 2540 W NA	8 - 10
2. Body Coat	Sikafloor®- 2540 W NA + Sika Decorative Flake	8 - 10
3. Top Coat	Sikafloor®-304 W NA	5 - 8
Options		
Primer	Sikafloor®-2570 WB	8 - 10
Nominal thickness	21 - 25 mils (0.5 - 0.6 mm)	
Minimum thickness	21 mils (0.5 mm)	

TECHNICAL INFORMATION

Shore D Hardness	80	ASTM D2240 at 73°F (23°C) and 50 % R.H
Abrasion Resistance	29 mg loss (CS -17) 1000 rotations/1000g	ASTM D4060 at 73°F (23°C) and 50 % R.H
Impact Strength	0.45 ft-lbs	ASTM D2794 at 73°F (23°C) and 50 % R.H
Tensile Adhesion Strength	>400 Psi (>2.7 Mpa)	ASTM 4541 at 73°F (23°C) and 50 % R.H
Chemical Resistance	Please refer to the individual Product Data Sheet for each component.	
Permeability to Water Vapor	3.96 Perm	ASTM E96 at 73°F (23°C) and 50 % R.H
Coefficient of Friction	0.51	ANSI 326.3 at 73°F (23°C) and 50 % R.H

APPLICATION INFORMATION

Coverage	Description	Products	Approximates Sq.Ft./kit
	1. Primer	Sikafloor®-2540 W NA	1,000@8 mils
	2. Base Coat	Sikafloor®-2540 W NA +	1,000@8 mils
	3. Top Coat	Sika Decorative Flake Sikafloor®-304 W NA	1 box per 5 gallon kit 595@5 mils
Options			
	Description	Product	Approximates Sq.Ft./kit
	Primer	Sikafloor®-2570 WB	1,000@8 mils
Ambient Air Temperature	Minimum/Maximum 50/85 °F (10/30 °C)		
Substrate Temperature	Minimum/Maximum 50/85 °F (10/30 °C)		

BASIS OF PRODUCT DATA

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

LIMITATIONS

Please refer to the individual Product Data Sheet for each component.

ENVIRONMENTAL, HEALTH AND SAFETY

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

Concrete surfaces must be clean and sound. Remove all dust, dirt, existing paint films, efflorescence, exudates, laitance, form oils, hydraulic or fuel oils, brake fluid, grease, fungus, mildew, biological residues or any other contaminants which may prohibit a good bond. Prepare the surface by any appropriate mechanical means, in order to achieve a profile equivalent to ICRI - CSP 3-6. The compressive strength of the concrete substrate should be at least 3,625 psi (25 MPa) at 28 days and a minimum of 218 psi (1.5 MPa) in tension at the time of application.

Repairs to cementitious substrates, filling of blowholes, leveling of irregularities, etc. should be carried out using an appropriate Sika profiling mortar. Contact Sika Technical Service for a recommendation.

Primer

Priming for concrete substrate is required. Prime with either Sikafloor®-2540 W NA or Sikafloor®-2570 WB.

Allow the primer to cure (varies with temperature and humidity) until tack free before applying subsequent coats.

Ensure that the primer is pore-free, pinhole-free and provides uniform and complete coverage over the entire substrate.

Please refer to the most current and respective Product Data Sheet for further information.

MIXING

Please refer to the individual Product Data Sheets

APPLICATION

Please refer to the individual Product Data Sheets

OTHER RESTRICTIONS

See Legal Disclaimer.

LEGAL DISCLAIMER

- KEEP CONTAINER TIGHTLY CLOSED
- KEEP OUT OF REACH OF CHILDREN
- NOT FOR INTERNAL CONSUMPTION
- FOR INDUSTRIAL USE ONLY
- FOR PROFESSIONAL USE ONLY

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System Data Sheet

Sikafloor® DecoDur Flake WB
April 2024, Version 02.01
020811900000000170

SikafloorDecoDurFlakeWB-en-US-(04-2024)-2-1.pdf

