



## 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)

### 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
- Employee break rooms
- Assembly areas

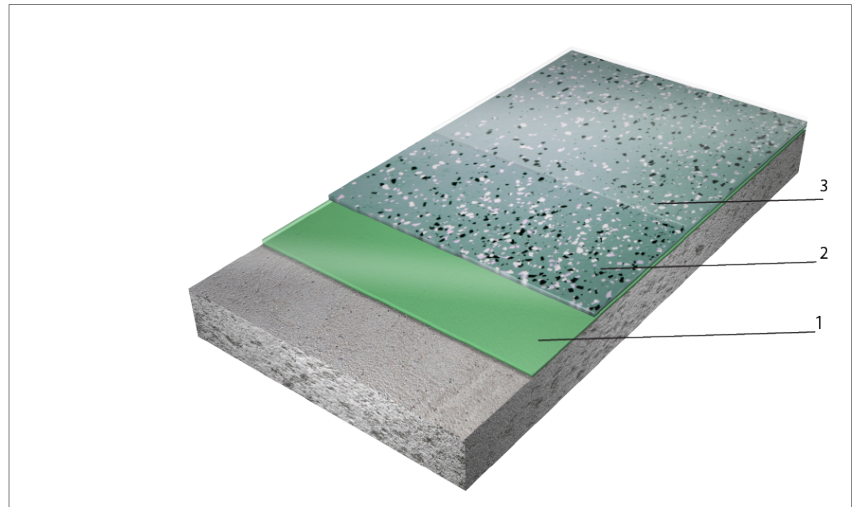
### CHARACTERISTICS / ADVANTAGES

- 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
<b>Options</b>		
Primer	Sikafloor®-2570 WB	8 - 10

**Nominal thickness** 21 - 25 mils ( 0.5 - 0.6 mm)

**Minimum thickness** 21 mils ( 0.5 mm)

**Volatile organic compound (VOC) content** Please refer to the individual Product Data Sheets

## 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 Prem	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

Coverage	Description	Products	Approximates Sq.Ft./kit
1. Primer		Sikafloor®-2540 W NA	1,000@8mils
2. Base Coat		Sikafloor®-2540 W NA +	1,000@8mils
		Sika Decorative Flake	1 box per 5 gallon kit
3. Top Coat		Sikafloor®-304 W NA	595@5mils
<b>Options</b>			
Primer		Sikafloor®-2570 WB	1,000@8mils

**Ambient Air Temperature** Minimum/Maximum 50/85 °F (10/30 °C)

**Substrate Temperature** Minimum/Maximum 50/85 °F (10/30 °C)

## PRODUCT INFORMATION

**Packaging** Please refer to the individual Product Data Sheets

**Shelf Life** Please refer to the individual Product Data Sheets

**Storage Conditions** Please refer to the individual Product Data Sheets

## 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.

## 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

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System Data Sheet  
Sikafloor® DecoDur Flake WB  
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## 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.

## LIMITATIONS

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

## 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

Prior to each use of any product of Sika Corporation, its subsidiaries or affiliates ("SIKA"), the user must always read and follow the warnings and instructions on the product's most current product label, Product Data Sheet and Safety Data Sheet which are available at [usa.sika.com](http://usa.sika.com) or by calling SIKA's Technical Service Department at 1-800-933-7452. Nothing contained in any SIKA literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to use of the SIKA product.

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