

SYSTEM DATA SHEET

Sikafloor® DecoDur Granite FX

DECORATIVE, SMOOTH, GRANITE EFFECT FLOOR SYSTEM ENGINEERED WITH
SIKAFLOOR®-218 DF @ 93 - 118 MILS (2.3 - 3.0 MM)

PRODUCT DESCRIPTION

Sikafloor® DecoDur Granite FX is a decorative epoxy flooring system using Sikafloor®-218 DF; a two part, low odor, low viscosity epoxy resin, and Sikafloor DecoDur aggregate. The system is self leveling and highly UV resistant making it an ideal system for almost any application requiring long term durability and premium appearance. Sikafloor® DecoDur Granite FX is typically installed @ 93 - 118 mils (2.3 - 3.0 mm).

USES

Sikafloor® DecoDur Granite FX may only be used by experienced professionals.

- Cafeterias and restaurants
- Education facilities
- Retail stores
- Laboratories and clinics
- Healthcare facilities
- Lobbies and public spaces

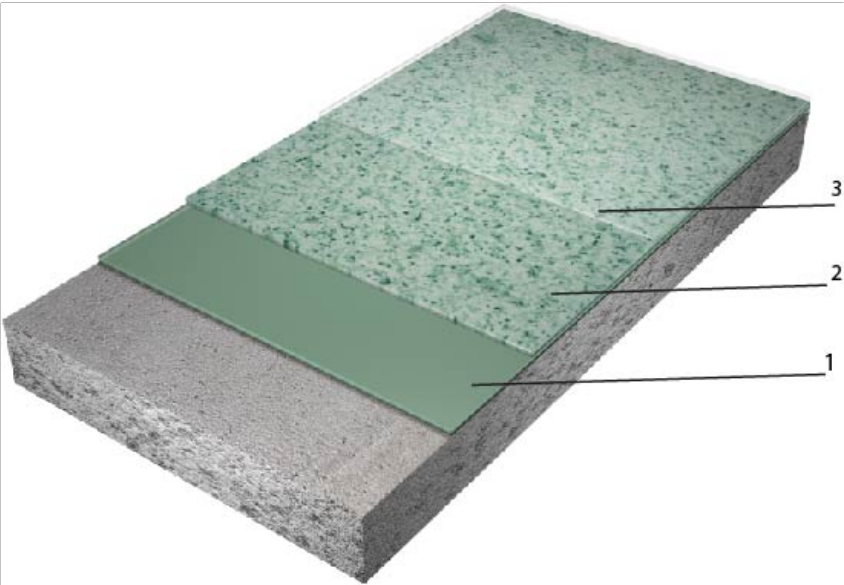
CHARACTERISTICS / ADVANTAGES

- Stylish and decorative
- Low VOC
- Smooth matte or finely textured finish
- Excellent UV, mechanical and abrasion resistance
- Very low maintenance
- Durable, seamless, sanitary

SYSTEM INFORMATION

System Structure

Sikafloor® DecoDur Granite FX ~ 93 - 118 mils (2.3 - 3.0 mm)



Description	Products	Thickness mils
1. Primer/Base Coat	Sikafloor®-264	8 - 10
2. Body Coat	Sikafloor®-218 DF	80 - 100
	+ Sika DecoDur Aggregate	
3. Top Coat	Sikafloor®-304 W NA	5 - 8

Options		
Description	Products	Thickness mils
Primers	Sikafloor®-1620	12 - 15
	Sikafloor®-165 FS	8 - 10
Top Coat	Sikafloor®-315 N*	3 - 5

* Sikafloor-315 N clear would be an optional top coat for increased chemical and wear resistance

Color	Available in various standard color blends, refer to Sikafloor® DecoDur Granite color guide.
Nominal thickness	93 - 118 mils (2.3 - 3.0 mm)
Minimum thickness	93 mils (2.3 mm)



TECHNICAL INFORMATION

Shore D Hardness	80	ASTM D2240 at 73°F (23°C) and 50% R.H
Abrasion Resistance	76 mg loss (CS-17/1000 rotations/1000g)	ASTM D4060 at 73°F (23°C) and 50% R.H
Indentation	1.3 %	MII-PRF -24613
Compressive Strength	7,426 psi (51.2 Mpa)	ASTM C579 at 73°F (23°C) and 50% R.H
Tensile Strength	5,728 psi (39.4 MPa)	ASTM D638 at 73°F (23°C) and 50% R.H
Flexural Strength	9,384 psi (64.7 MPa)	ASTM D790 at 73°F (23°C) and 50% R.H
Tensile Adhesion Strength	>400 psi (2.7 MPa)	ASTM D4151 at 73°F (23°C) and 50% R.H
Elongation at Break	11%	ASTM D638 at 73°F (23°C) and 50% R.H
Chemical Resistance	Contact Sika Technical Service for specific information.	
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®-264	900@8 mils
	2. Body Coat	Sikafloor®-218 DF + Sika DecoDur Aggregate	160@80 mils 2 bags per 4.5 gallon kit
	3. Top Coat	Sikafloor®-304 W NA	595@5 mils
Options			
	Description	Products	Approximates Sq.Ft./kit
	Primers	Sikafloor®-1620	533@12 mils
		Sikafloor®-165 FS	1,000@8 mils
	Top Coat	Sikafloor®-315 N	2,400@4 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

ENVIRONMENTAL, HEALTH AND SAFETY

For further information and advice regarding transportation, handling, storage and disposal of chemical products, user should refer to the actual Safety Data Sheets containing physical, environmental, toxicological and other safety related data. User must read the current actual Safety Data Sheets before using any products. In case of an emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.

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/Base Coat

Priming for concrete substrate is required. Prime with either Sikafloor®- 264, Sikafloor®- 1620 or Sikafloor®- 165 FS. Allow the primer to cure (varies with temperature and humidity) until tack free before applying subsequent membrane coats. Ensure that the primer is pore-free, pinhole-free and provides uniform and complete coverage over the entire substrate.

Please refer to the individual most current and respective Product Data Sheet for specific and detailed information.

MIXING

Please refer to the individual Product Data Sheet

APPLICATION

Please refer to the individual Product Data Sheet

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 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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