

SYSTEM DATA SHEET

Sikafloor® DecoDur Metallic FX

DECORATIVE EPOXY METALLIC EFFECT SYSTEM ENGINEERED WITH SIKAFLOOR®-217 @ 28 - 36 MILS (0.7 - 0.9 MM)

PRODUCT DESCRIPTION

Sikafloor® DecoDur Metallic FX uses a high solids epoxy and ultra-fine metallic powder to impart aesthetic, multidimensional, pearlescent optics to a high performance floor system. Sikafloor® DecoDur Metallic FX is typically installed @ 28 - 36 mils (0.7 - 0.9 MM).

USES

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

- Lobbies and public spaces
- Retail and commercial spaces
- Break and rest rooms
- Offices and corridors
- Hospitality areas

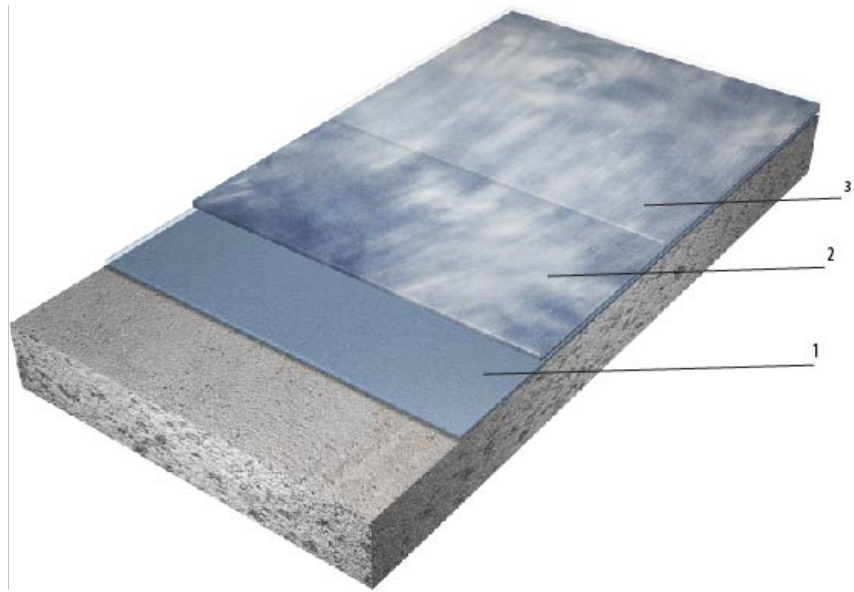
CHARACTERISTICS / ADVANTAGES

- Low maintenance
- Multi-dimensional color hues
- Low VOC-content and low odor
- Smooth, matte and glossy finish available
- Anti-slip finish available
- Durable, impermeable and seamless
- High abrasion resistant
- Stylish, unique designs color hues

SYSTEM INFORMATION

System Structure

Sikafloor® DecoDur Metallic FX ~ 28 - 36 mils (0.7 - 0.9 MM)



Description	Products	Thickness mils
1. Primer	Sikafloor®-264	8 - 10
2. Body Coat	Sikafloor®-217 + Sika Metallic Powder	16 - 20
3. Top Coat	Sikafloor®-315 N	4 - 6

Options		
Description	Products	Thickness mils
Primers	Sikafloor®-1620	12 - 15
	Sikafloor®-165 FS	8 - 10
	Sikafloor®-2540 W NA	5 - 8
Alternate Body Coat	Sikafloor®-511* + Sika Metallic Powder	16 - 18
Top Coat	Sikafloor®-304 W NA**	5 - 8

* Sikafloor-217 may be replaced by Sikafloor®-511 for greater UV resistance, fast cure time
 ** Sikafloor-304 W NA would be an optional top coat for gloss reduction or matte finish required

Color	Stylish, unique designs with color hues
Nominal thickness	28 - 36 mils (0.7 - 0.9 MM)
Minimum thickness	28 mils (0.6 MM)

TECHNICAL INFORMATION

Water Absorption	0.13 % 2 hours boiling	ASTM C413 at 73°F (23°C) and 50% R.H
Shore D Hardness	80	ASTM D2240 at 73°F (23°C) and 50% R.H
Abrasion Resistance	8 mg loss (CS-17/1000 rotations/1000g)	ASTM D4060 at 73°F (23°C) and 50% R.H
Indentation	1.30%	(MIL-PRF-24613)
Compressive Strength	7,250 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) (100 % concrete failure)	ASTM D4541 at 73°F (23°C) and 50% R.H
Chemical Resistance	Contact Sika Technical Service for specific information	
Coefficient of Friction	0.6	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®-217	450@16 mils
		+	
		Sika Metallic Powder	1 jar per 4.5 gallon kit
	3. Top Coat	Sikafloor®-315 N	2,400@14 mils
	Options		
	Description	Products	Approximates Sq.Ft./kit
	Primers	Sikafloor®-1620	533@12 mils
	Sikafloor®-165 FS	1,000@8 mils	
	Sikafloor®-2540 W NA	1,600@5 mils	
Alternate Body Coat	Sikafloor®-511	833@16 mils	
	+		
	Sika Metallic Powder	2 jars per 8.33 gallon kit	
Top Coat	Sikafloor®-304 W NA	595@5 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 Sheets

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

Priming for concrete substrate is required. Prime with either Sikafloor®- 264, Sikafloor®- 1620, Sikafloor®- 165 FS or Sikafloor-2540 W NA. 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 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

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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