

Sikafloor® DecoFlake System

Decorative Flake Flooring System 1/16 – 1/8 in (1.5 – 3 mm)

Description Sikafloor DecoFlake is an aesthetic, easy to clean, seamless floor consisting of a clear epoxy binder, broadcast with multi-colored vinyl chips and sealed with transparent, or UV stable topcoats. The system is highly customizable with an extensive color palette and variable application thicknesses. Final surface options include: integral cove base, and variable surface texture to produce a range of slip-resistant finishes.

- Where to Use**
- Restaurant and cafeteria seating areas.
 - Commercial kitchen and food preparation areas.
 - Grocery, department and retail stores.
 - Light to medium duty production areas.
 - Pharmaceutical laboratories, production rooms and offices.
 - Hospitals, laboratories and health care facilities.
 - Museums and galleries.
 - Commercial lobbies and office areas.
 - Animal shelters and veterinary clinics.

- Advantages**
- A seamless surface that is easy to clean and maintain.
 - Durable, impermeable and seamless.
 - High abrasion and impact resistance.
 - Good chemical resistance
 - Optional integral base and curbs can be installed without seams or joints.
 - Low odor / low VOC.
 - A highly customizable aesthetic multi-coloured finish.
 - Variable surface texture to produce a range of slip-restraint finishes.
 - Available in various standard color blends, refer to Sikafloor® DecoFlake® color guide.

TYPICAL 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.

Refer to individual Sikafloor component product data sheets for complete physical properties.

Sikafloor 161 Primer & Sikafloor 264 Body Coat

Solid Content	~ 100% (by volume) / ~ 100% (by weight)	
Compressive Strength	ASTM C-579	7,426 psi (51.2 Mpa)
Pull-off Strength	ASTM D-4541	>350 psi (2.5 MPa)
Tensile Strength	ASTM D-638	4,902 psi (33.8 Mpa)
Elongation	ASTM D-638	8.3 %
Shore D	ASTM D-2240	82
Flexural Strength	ASTM D-790	8,558 psi (59 Mpa)
Flexural Modulus of Elasticity	ASTM D-790	8.34 x 10 ⁵ psi (5.7 x 10 ⁵ MPa)
Flammability (with any recommended finish coat)	ASTM E-648	Class I
Abrasion Resistance (CS-17/1000rot/1000g) mg/loss		
Sikafloor 217 topcoat	ASTM D-4060	58 mg
Sikafloor 315 Clear topcoat (smooth high gloss)		18 mg
Sikafloor 225 topcoat		93 mg
Sikafloor 510 &		37 mg
Sikafloor 510N LPL		83 mg

Dynamic Coefficient of Friction Refer to individual product data sheet for finish top coat



System Build Up

Single Broadcast System:

Coating	Product Name	Typical Thickness (mils)
Primer	Sikafloor 161	8 - 10
Body Coat	Sikafloor 264 ¹ + Broadcast to Rejection Vinyl Decorative Flakes	16
Sealer Coat	Sikafloor 217 ¹	12
Optional Top Coat	Sikafloor 315N ²	3 - 3.5
Optional Top Coat	Sikafloor 225N	16
Optional Top Coat	Sikafloor 510 or 510N LPL ³	16

Double Broadcast System:

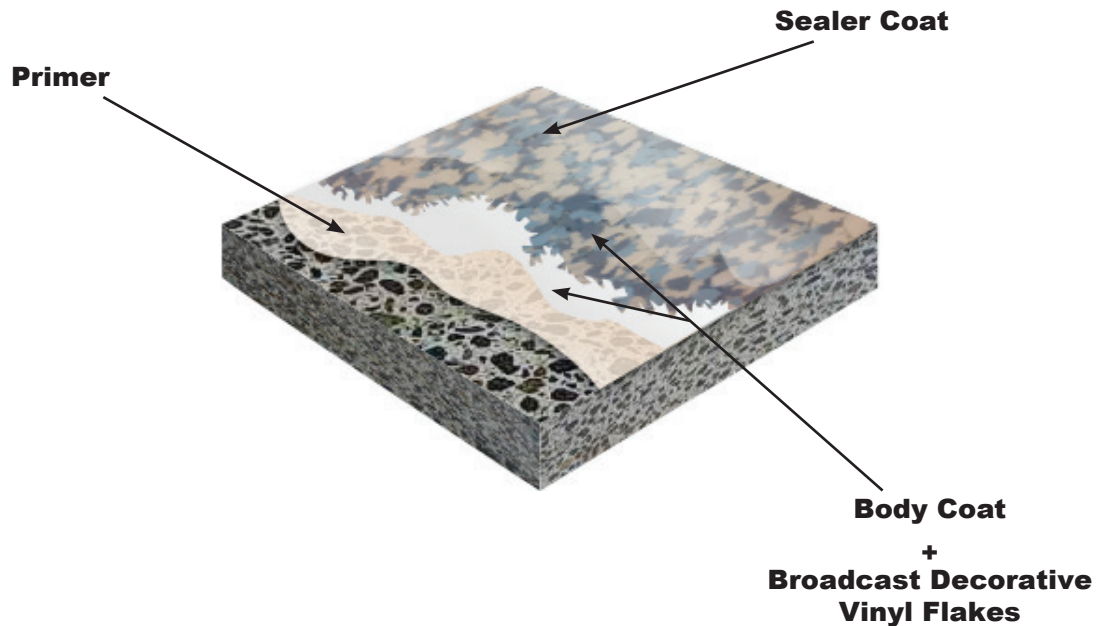
Primer	Sikafloor 161	8 - 10
1st Body Coat	Sikafloor 264 ¹ + Broadcast to Rejection Vinyl Decorative Flakes	12
2nd Body Coat	Sikafloor 217 ¹ + Broadcast to Rejection Vinyl Decorative Flakes	16
Top Coat	Sikafloor 217 ¹	16
Optional Top Coat	Sikafloor 315N ²	3 - 3.5
Optional Top Coat	Sikafloor 225N	16
Optional Top Coat	Sikafloor 510 or 510N LPL ³	16

¹ Sikafloor-217 and Sikafloor-264 may be replaced by Sikafloor-225N for increased UV resistance or Sikafloor-510N LPL for superior UV resistance and short turn around times.

² Sikafloor-315N would be an optional top coat on top of Sikafloor-217 or Sikafloor-225N for increased chemical and abrasion resistance)

³ Sikafloor 510 or 510N LPL would be an optional top coat for superior wear and UV resistance

System Build Up Step Diagram: Single Broadcast System



Industrial Flooring

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