

## PRODUCT DATA SHEET

# Sikafloor® DecoFlakes

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

### PRODUCT DESCRIPTION

Sikafloor® DecoFlakes 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.

### USES

- 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.

### PRODUCT INFORMATION

Packaging	n/a
Shelf Life	n/a
Storage Conditions	n/a

### CHARACTERISTICS / 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.

## APPLICATION INSTRUCTIONS

The substrate must have a flat surface with good strength (minimum compressive strength approx. 250 kg/cm<sup>2</sup>), be healthy and dry (maximum substrate moisture 4%), free of loose parts, contamination of oils, residues of curators, grout or other foreign substances. Minimum tensile strength (pull-off): 15 kg/cm<sup>2</sup>.

After a good surface preparation, depending on the porosity of the substrate, a Sikafloor 161 can be applied as a seal if necessary (Optional), then a resin with color of the Sikafloor type 264 is applied and then irrigation of Sikafloor® DecoFlakes, in the amount agreed or desired.

After drying, remove what has not adhered and all peaks and remove again the leftovers and apply a translucent resin of the type Sikafloor 169 (see technical sheets of the additional products). Consumption: From 120 gr to 800 gr/m<sup>2</sup> depending on the desired.

### APPLICATION

#### System Build Up

##### Single Broadcast System:

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

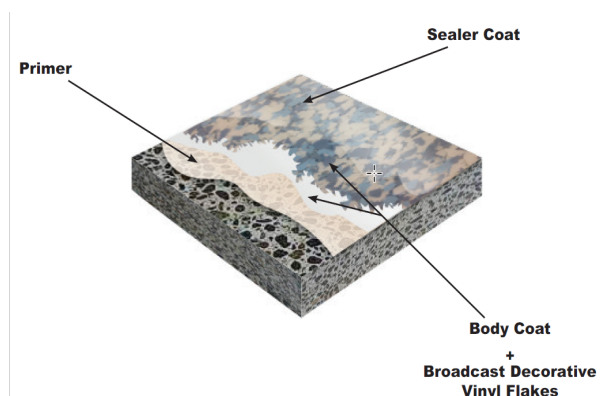
##### Double Broadcast System:

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

<sup>1</sup> 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.

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

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



## 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.

## OTHER RESTRICTIONS

See Legal Disclaimer.

## 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.

## 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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