

# Sikafloor® Metallic FX

Decorative Metallic effect smooth floor system

**Description** Sikafloor Metallic FX floor is a decorative self-smoothing flooring system based on Sikafloor 217 a two part, low odor and low viscous, transparent epoxy resin and Sika Metallic Powders which are special effect pigments composed of mica nano-particles coated with various organic and inorganic pigments to create pearlescent and iridescent effects. When applied the Metallic Powder provides a shine that reflects light and creates dramatic colors. The Metallic Powder is designed to be field blended.

Note: Additional Sikafloor products can also be used with the Sika Metallic Powder. Sikafloor-225N will provide increased UV resistance. Sikafloor 511 will provide superior UV resistance, increased chemical resistance and fast turnaround.

**Where to Use** Sikafloor Metallic FX Floor is designed as a highly decorative system in areas such as:

- Life science, pharmaceutical industries and health care industry
- Education (e.g. Schools and Universities)
- Leisure & Culture (e.g. Museums, Stadiums, Galleries)
- Retail (e.g. Shopping Malls, Department Stores)
- Corridors, garage floors, banks, restaurants, kitchens, hotels and more...

**Advantages**

- Highly decorative, customized designs and a wide range of colors
- Low maintenance
- Multi-dimensional color hues
- Low VOC-content and low odor
- Smooth, matte and glossy finish available
- Anti-slip finish available when required
- Durable, impermeable and seamless
- High abrasion resistant
- Stylish, unique designs with multi-dimensional color hues

## 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.

Body Coat Sikafloor 217 Properties Tested at 73°F (23°C) and 50 % R.H:

<b>Solid Content</b>		~ 100% (by volume) / ~ 100% (by weight)
<b>Compressive Strength</b>	ASTM C579	Resin (filled 1:0,9 Resin only): > 7,978 psi (MPa)
<b>Flexural Strength</b>	ASTM D 790	9,284 Psi (64MPa)
<b>Tensile Strength</b>	ASTM D 638	5,078 Psi (64 MPa)
<b>Tensile Adhesion Strength</b>	ASTM D 4541	5,078 Psi (64 MPa)
<b>Indentation</b>	MIL-PRT-24613	1.30%
<b>Shore D Hardness (base) (7 days)</b>	ASTM D 2240	80 (base)
<b>Abrasion Resistance</b>	ASTM D 4060	58 mg (CS-17/1000 cycles/1000g) Refer to individual finish coat product data sheets
<b>VOC Content</b>		See individual component product data sheets
<b>Chemical Resistance</b>		Please consult Sikafloor Technical Services.

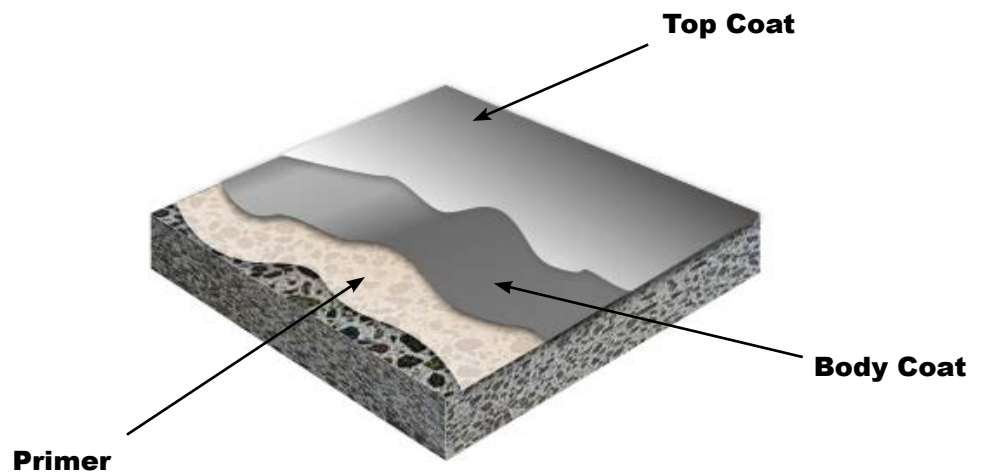
Industrial Flooring



## System Build Up

Coating	Product Name	Typical Thickness (mils)
Primer	Sikafloor 264	8 - 12
Optional Primer	Sika floor-2540	5 - 10
Body Coat	Sikafloor 217 /225N /511 + Sika Metallic Powder	10 - 16
Top Coat	Sikafloor 315 N Clear	4 - 6
Alternate Top Coat for Matte finish	Sikafloor 304 W	4 - 6

## System Build Up Step Diagram



**KEEP CONTAINER TIGHTLY CLOSED • KEEP OUT OF REACH OF CHILDREN • NOT FOR INTERNAL CONSUMPTION • FOR INDUSTRIAL USE ONLY**

All information provided by Sika Corporation ("Sika") concerning Sika products, including but not limited to, any recommendations and advice relating to the application and use of Sika products, is given in good faith based on Sika's current experience and knowledge of its products when properly stored, handled and applied under normal conditions in accordance with Sika's instructions. In practice, the differences in materials, substrates, storage and handling conditions, actual site conditions and other factors outside of Sika's control are such that Sika assumes no liability for the provision of such information, advice, recommendations or instructions related to its products, nor shall any legal relationship be created by or arise from the provision of such information, advice, recommendations or instructions related to its products. The user of the Sika product(s) must test the product(s) for suitability for the intended application and purpose before proceeding with the full application of the product(s). Sika reserves the right to change the properties of its products without notice. All sales of Sika product(s) are subject to its current terms and conditions of sale which are available at <http://usa.sika.com/> or by calling 800-933-7452.

**Prior to each use of any Sika product, the user must always read and follow the warnings and instructions on the product's most current Product Data Sheet, product label and Safety Data Sheet which are available online at <http://usa.sika.com> or by calling Sika's Technical Service Department at 800-933-7452. Nothing contained in any Sika materials relieves the user of the obligation to read and follow the warnings and instruction for each Sika product as set forth in the current Product Data Sheet, product label and Safety Data Sheet prior to product use.**

Sika warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Product Data Sheet if used as directed within shelf life. User determines suitability of product for intended use and assumes all risks. Buyer's sole remedy shall be limited to the purchase price or replacement of product exclusive of labor or cost of labor. **NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKASHALLNOTBELIABLEUNDERANYLEGALTHEORYFORSPECIALORCONSEQUENTIALDAMAGES.SIKASHALLNOTBERESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS.**

Visit our website at [www.sikafloorusa.com](http://www.sikafloorusa.com)

1-800-933-SIKA NATIONWIDE

**Regional Information and Sales Centers.** For the location of your nearest Sika sales office, contact your regional center.

**Sika Corporation**  
201 Polito Avenue  
Lyndhurst, NJ 07071  
Phone: 800-933-7452  
Fax: 201-933-6225

**Sika Canada Inc.**  
601 Delmar Avenue  
Pointe Claire  
Quebec H9R 4A9  
Phone: 514-697-2610  
Fax: 514-694-2792

**Sika Mexicana S.A. de C.V.**  
Carretera Libre Celaya Km. 8.5  
Fracc. Industrial Balvanera  
Corregidora, Queretaro  
C.P. 76920  
Phone: 52 442 2385800  
Fax: 52 442 2250537

