

Sikafloor® Merflex Waterproofing Broadcast System

Mechanical Room Waterproofing with solid color broadcast wear resistant finish of 64 – 90 mils

Description Sikafloor Merflex broadcast is a monolithic, flexible, abrasion and slip resistant flooring system that is designed for areas requiring a combined water protection membrane and higher traffic wearing surface. The system is typically used in mechanical rooms, computer rooms and other areas requiring waterproofing. The incorporation of broadcast aggregate provides a non-slip finish for applications such as walkways or areas of spillage.

Where to Use

- Mechanical equipment rooms
- Interior floor spaces where humidity & temperature are micro-controlled
- Access floor systems for computer rooms and offices where liquid lines prevail
- Areas requiring an elastomeric water protection surface that can accept heavier traffic

Advantages

- Tough, durable and seamless floor
- Performance benefits of both an elastomeric membrane & a wearing surface combined in one system
- Crack bridging capabilities.

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 MATERIAL DATA SHEET FOR APPROPRIATE OPTIONAL FINISH COAT.

Properties, Sikafloor 265 Base Coat.
Tested at 73°F (23°C) and 50% R.H:

Adhesion to concrete	ASTM D7234	>300Psi
Shore D Hardness:	ASTM D2240	~82
Tensile Strength:	ASTM D638	1,050 psi (7.2 MPa)
Abrasion Resistance:	ASTM D6040	Cs-17/1000 rotations/1000g
Compressive Strength:	ASTM C579	7,426Psi(51.2MPa)
Elongation at Break:	ASTM D638	~125 %
Tensile Adhesion Strength:	ASTMD-4541	> 520 psi (concrete failure)
Tear Strength:	ASTM D1938	90 lb./in.
Thermal Resistance :	ASTM D635	Self Extinguishing
Chemical resistance;	Please consult Sikafloor Technical Services.	
VOC:	Please refer to the individual Product Data Sheet	

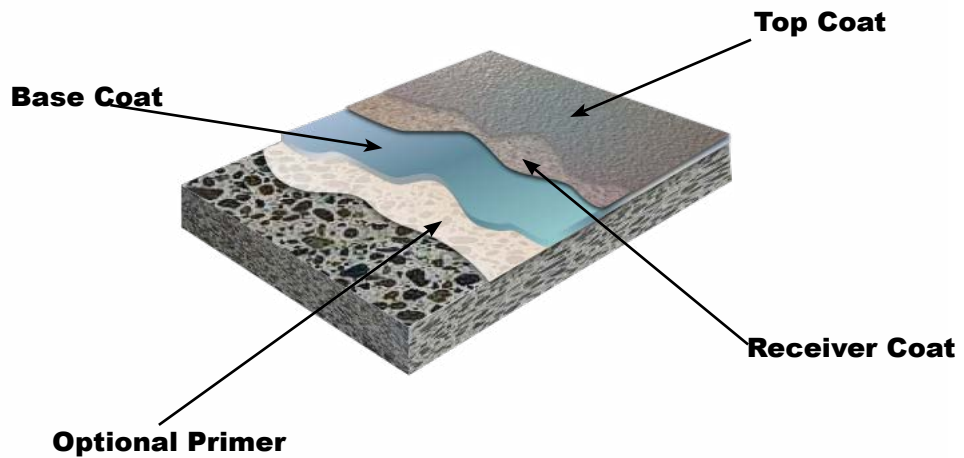


System Build Up

Coating	Product Name	Typical Thickness (mils)
Optional Primer	Sikafloor 161	8 - 10
Base Coat	Sikafloor 265	20- 30
Wear Coat	Sikafloor 265 + Broadcast to Rejection	20- 30
Top Coat	Sikafloor 264	16- 20
Optional Top Coat	Sikafloor 316 N ¹	4- 6
Optional Top Coat	Sikafloor 511 ²	8 - 10

¹ Sikafloor-316 N would be an optional top coat on top of Sikafloor-264 for increased chemical and abrasion resistance (e.g. reduced scratching and staining, protection from chemical attack). Pigmented Sikafloor-316 N provides excellent UV resistance and good color stability.

Sikafloor 511² would be an optional topcoat to replace Sikafloor 264 for superior UV resistance and color stability, and increased chemical resistance.



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

1-800-933-SIKA NATIONWIDE

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

