



SYSTEM DATA SHEET

Sikafloor® MultiDur WBC

WATER BASED EPOXY COATING SYSTEM ENGINEERED WITH SIKAFLOOR® - 2540 W NA
AT 10 - 20 MILS (0.2 - 0.5 MM)

PRODUCT DESCRIPTION

Sikafloor® MultiDur WBC is a solid color, high gloss, smooth, resin rich, seamless, epoxy floor coating. This system produces an attractive, smooth surface texture that is easy to clean and maintain. It can be applied on high moisture concrete. Sikafloor® MultiDur WBC is typically installed at 10 -20 mils (0.2 - 0.5 mm).

USES

Sikafloor® MultiDur WBC may only be used by experienced professionals.

- High Moisture Concrete
- Medium Duty Manufacturing
- Walkways and Corridors
- Employees Break Rooms
- Assembly Areas

CHARACTERISTICS / ADVANTAGES

- Water based, low VOC's
- Breathable
- High abrasion and impact resistance
- Excellent penetration and adhesion
- Easy application
- Rapid recoat times

SYSTEM INFORMATION

System Structure

Sikafloor® MultiDur WBC ~ 10 - 20 mils (0.2 - 0.5 mm)



Description	Products	Thickness mils
1. Base Coat	Sikafloor®- 2540 W NA	5 - 10
2. Body Coat	Sikafloor®- 2540 W NA	5 - 10
Options		
Primers	Sikafloor®-2570 WB	3 - 10
Top Coats	Sikafloor®-304 W*	5 - 6
	Sikafloor®-305 W*	5 - 6

* Sikafloor®-304 W Sikafloor®-305 W and would be an optional top coat for improved aesthetics and wear resistance.

Color	Available in all standard colors and many custom colors. Not suitable for clear applications.
Nominal thickness	10 -20 wft (0.2 - 0.5 mm)
Minimum thickness	10 wft (0.2 mm)
Volatile organic compound (VOC) content	Please refer to the individual Product Data Sheets

TECHNICAL INFORMATION

Shore D Hardness	90	ASTM D2240 at 73°F (23°C) and 50 % R.H
Abrasion Resistance	0.118 mg loss (CS -17) 1000 Rotations /1000g.	ASTM D4060 at 73°F (23°C) and 50 % R.H
Impact Strength	0.45 ft-lbs	ASTM D2794 at 73°F (23°C) and 50 % R.H
Tensile Adhesion Strength	>400 Psi (>2.7 Mpa)	ASTM 4541 at 73°F (23°C) and 50 % R.H
Permeability to Water Vapor	3.96 Prem	ASTM E96 at 73°F (23°C) and 50 % R.H
Coefficient of Friction	0.3	ANSI 326.3 at 73°F (23°C) and 50 % R.H

APPLICATION INFORMATION

Coverage	Description	Products	Approximates Sq.Ft./kit
	1. Primer	Sikafloor®-2540 W NA	1,000@8mils
	2. Base Coat	Sikafloor®-2540 W NA	1,000@8mils
	Options		
	Primers	Sikafloor®-2570 WB	2,667@3mils
	Top Coats	Sikafloor®-304 W	595@5mils
		Sikafloor®-305 W	653@5mils

Ambient Air Temperature Minimum/Maximum 50/85 °F (10/30 °C)

Substrate Temperature Minimum/Maximum 50/85 °F (10/30 °C)

PRODUCT INFORMATION

Packaging Please refer to the individual Product Data Sheets

Shelf Life Please refer to the individual Product Data Sheets

Storage Conditions Please refer to the individual Product Data Sheets

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-2540 W NA or Sikafloor-2570 WB. Allow the primer to cure (varies with temperature and humidity) until tack free before applying subsequent coats.

Ensure that the primer is pore-free, pinhole-free and provides uniform and complete coverage over the entire substrate.

Please refer to the most current and respective Product Data Sheet for further information.

MIXING

Please refer to the individual Product Data Sheets

APPLICATION

Please refer to the individual Product Data Sheets

LIMITATIONS

Please refer to the individual Product Data Sheet for each component.

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

User must read the most recent corresponding Safety Data Sheets before using any products. For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

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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System Data Sheet

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