



SYSTEM DATA SHEET

Sikafloor® MultiDur IC

INDUSTRIAL COVE SYSTEM ENGINEERED WITH SIKAFLOOR-293 @ 1/8" - 3/16" (3.1 - 4.7 MM)

PRODUCT DESCRIPTION

Sikafloor® MultiDur IC is an aggregate filled epoxy and vertical application system. Sikafloor® MultiDur IC is blended with SikaDur aggregate and sealed to increased performance. This general service industrial coving system demonstrates excellent chemical, abrasion and impact resistance. Sikafloor® MultiDur IC is typically installed @ 1/8" to 3/16" (3.1 - 4.7 mm).

USES

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

Sikafloor® MultiDur IC is used where the maximum Sanitation/Hygiene is required. It can provide rounded and sealed corners.

- Manufacturing plants
- Animal care facilities
- Break & rest rooms
- Institutional settings
- Commercial storage areas
- Labs & clinics

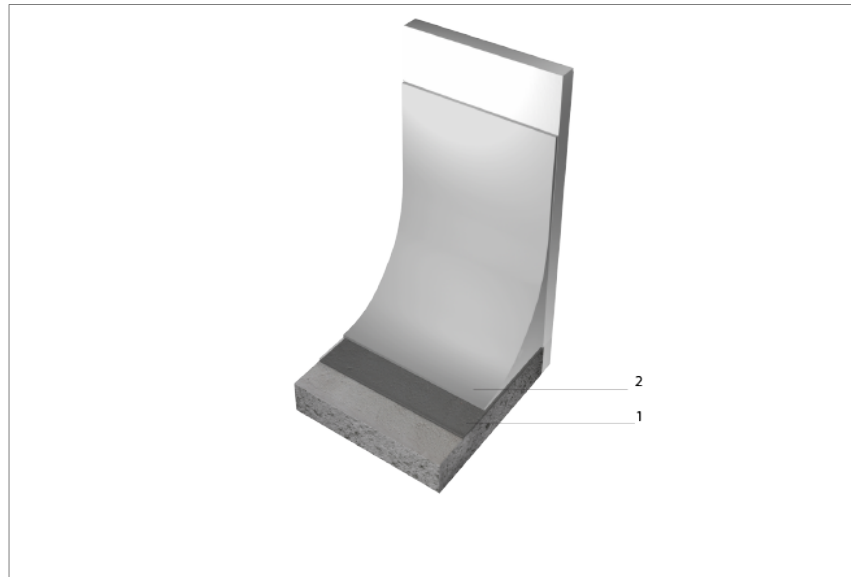
CHARACTERISTICS / ADVANTAGES

- Versatile with other Sikafloor systems
- Durable, impermeable and seamless
- Easily cleaned and maintained
- Provides hygienic environment
- Excellent chemical resistance
- Superior abrasion and impact resistance
- Protects underlying substrate
- Low odor/low VOC

SYSTEM INFORMATION

System Structure

Sikafloor® MultiDur IC ~ 1/8" to 3/16" (3.1 - 4.7 mm)



Description	Products	Thickness mils
1. Primer	Sikafloor®-293	4 - 6
2. Cove Mortar	Sikafloor®-293 + SikaDur Aggregates	1/8"- 3/16"
Options		
Primer	Sikafloor®-160	4 - 8
	Sikafloor®-161	4 - 8

Color Available in broad range of standard and custom colors. Please refer to Standard Color selection Guide and Contact Customer Service for custom colors availability.

Nominal thickness 1/8" - 3/16" (3.1 - 4.7 MM)

Minimum thickness 1/8" (3.1 MM)

Volatile organic compound (VOC) content Please refer to the individual Product Data Sheets

TECHNICAL INFORMATION

Water Absorption	1.2% (24 hours boiling)	ASTM C413 at 73°F (23°C) and 50 % R.H
Shore D Hardness	80	ASTM D2240 at 73°F (23°C) and 50 % R.H
Impact Strength	2.62 ft.lb	ASTM D2794 at 73°F (23°C) and 50 % R.H
Indentation	0.40%	ASTM Mil-PRF-24613 at 73°F (23°C) and 50 % R.H
Compressive Strength	7,832 Psi (54 MPa)	ASTM C579 at 73°F (23°C) and 50 % R.H
Tensile Strength	2,031Psi (14 Mpa)	ASTM C307 at 73°F (23°C) and 50 % R.H
Flexural Strength	2,132 Psi (14.7 MPa)	ASTM C580 at 73°F (23°C) and 50 % R.H
Tensile Adhesion Strength	>425 psi (2.7MPa)	ASTM D4541 at 73°F (23°C) and 50 % R.H
Chemical Resistance	Chemical resistance Contact Sika Technical Service for specific information	

APPLICATION INFORMATION

Coverage	Description	Products	Approximates Lin.Ft./kit
1. Primer		Sikafloor®-293	2,400@4"high & 4 mils
		Sikafloor®-293 +	100@ 1/8 thick &
2. Cove Mortar		SikaDur Aggregates	4" high 2 bags per 2 gallon kit
Options			
Primers		Sikafloor®-160	18,000@4"high & 4 mils
		Sikafloor®- 161	3,400@ 4"high & 4 mils

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

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.

LIMITATIONS

Please refer to the individual Product Data Sheets

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.

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-293, Sikafloor-160 or Sikafloor-161. 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.

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Sikafloor® MultiDur IC
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MIXING

Please refer to the individual Product Data Sheets

APPLICATION

Please refer to the individual Product Data Sheets

OTHER RESTRICTIONS

See Legal Disclaimer.

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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