

Industrial Flooring

Sika®
ComfortFloor®

INSTITUTIONAL,
INDUSTRIAL &
COMMERCIAL
FACILITIES



Enhancing the Indoor Experience

ComfortFloor optimizes a balance between comfort and toughness by combining softness under foot and durability. ComfortFloor is flexible enough to provide comfort in areas where personnel walk or stand for long periods of time but tough enough to stand up to high levels of pedestrian traffic, chair castors and wheeled loads. These resilient flooring solutions reduce footfall sound and horizontal noise transmission while providing an unprecedented number of advantages to building occupants.

- *Fatigue Reducing*
- *Noise Reducing*
- *Exceeds highest global standard for Indoor Air Quality*
- *Lasting Aesthetics*
- *Low Maintenance Costs*

Sika®

SIKA COMFORTFLOOR PRODUCT RANGE

Performance Related Advantages

- ComfortFloor System components are designed to exceed the most stringent European legislation with regards to environmental air quality in an inhabited area. They have been “Indoor Air Quality and Its Impact on Man” AgBB tested in accordance with the international cleanliness class ISO 14644-part 8.
- Sound Reduction at a level of 19 dB.
- High Noise Reduction Coefficient
- Good impact sound insulation
- Solution for LEED Certified environments
- Reduces standing or footfall point impact pressure
- Seamless surface solution
- Resilient and ergonomic
- Comfortable under foot
- Flame Retardant
- Impact reducing
- Wear resistant
- Crack bridging
- High comfort
- Decorative

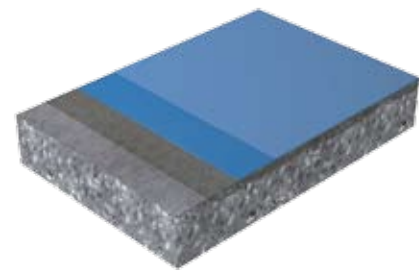
Application Related Advantages

- Flexibility in system design to serve various requirements and demands, such as comfort, style or cost
- Low odor during application insures minimal trade disruption outside of application areas
- The ComfortFloor System features an innovative, renewable walking surface that can be refurbished to remain throughout the life of the facility. Refurbishing and restyling Sika's ComfortFloors can be accomplished without floor removal which reduces long term spending, down time and environmental impact.

Sika® ComfortFloor®



Smooth Low VOC Colored Elastic Screed



System build up:

Primer:

Sikafloor 107

Base coat:

Sikafloor 330

Sealer:

Sikafloor 305 W

Total system thickness:

80–120 mils

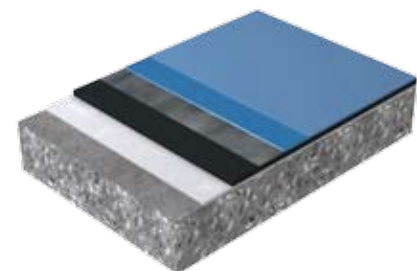
Sound Reduction of 2 dB



Sika® ComfortFloor® Pro



Smooth Low VOC Colored Sound Insulating Elastic Screed



System build up:

Adhesive:

Sikafloor Comfort Adhesive

Shockpad:

Sikafloor Comfort

Regupol 6015H

Pore filler:

Sikafloor Comfort Porefiller

Base coat:

Sikafloor 330

Sealer:

Sikafloor 305 W

Total system thickness:

240-320 mils

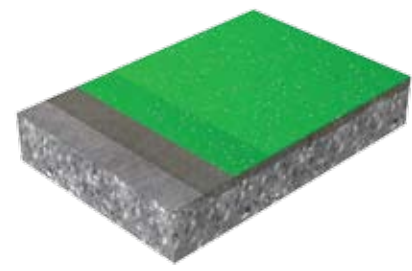
Sound Reduction of 19 dB



Sika® ComfortFloor® Decorative



Smooth Low VOC Decorative Elastic Screed



System build up:

Primer:

Sikafloor 107

Base coat:

Sikafloor 300 N

Broadcast:

Colored Flakes (optional)

Sealer:

Sikafloor 304 W

Total system thickness:

80-120 mils

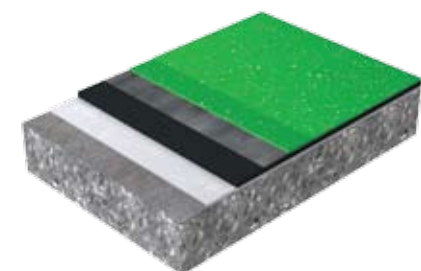
Sound Reduction of 1 dB



Sika® ComfortFloor® Decorative Pro



Smooth Low VOC Decorative Sound Insulating Elastic Screed



System build up:

Adhesive:

Sikafloor Comfort Adhesive

Shockpad:

Sikafloor Decorative

Regupol 4580

Pore filler:

Sikafloor Comfort Porefiller

Base coat:

Sikafloor 300 N

Broadcast:

Colored Flakes (optional)

Sealer:

Sikafloor 304 W

Total system thickness:

240-320 mils

Sound Reduction of 17 dB



The Right Approach.... when you only get one chance to do things right.

Sika's experienced flooring team will work with your project team from project start to finish. Examples of the services provided include: material selection, budgeting, specification and initial sampling.

From there, we will work with your construction team to make sure that only experienced contractors are pre-qualified. Once the project is awarded, we will provide technical assistance for the installation contractor.

Utilization of this approach optimizes flooring results and has made Sika the global leader in resinous flooring.

SOLUTIONS FOR INSTITUTIONAL, INDUSTRIAL & COMMERCIAL FACILITIES

Health Care



Application Areas

Hospitals
Assisted Living
Rehabilitation Centers
Vivariums
Wet and Dry Laboratories
Medical Research Facilities
Pharmaceutical Manufacturers
Pharmacies
Emergency Rooms
Maternity Wards
Nurseries
Nursing Stations
Dialysis Areas
Acute Care Centers
Hydrotherapy Areas
Locker/Change Rooms
Surgical Suites
Sterile Core
Patient Rooms
Cafeterias
Lavatories
Indoor Pedestrian Walkways

Education



Application Areas

Elementary Schools
High Schools
Universities
Locker/Change Rooms
Child Care Facilities
Cafeterias
Libraries
Band Rehearsal Area
Administrative Offices
Conference Rooms
Lavatories
Laboratories
Entrance Halls
Choral Rehearsal Rooms
Indoor Pedestrian Walkways

Leisure & Culture



Application Areas

Museums
Libraries
Theaters
Restaurant Kitchens
Exhibit Halls
Cafeterias
Food Courts
Entrance Halls
Stadiums
Concourse Areas
Indoor Pedestrian Walkways

Retail



Application Areas

Shopping Malls
Department Stores
General Merchandise Stores
Warehouse Stores
Supermarkets
Convenience Stores
Sales Floors
Offices
Customer Service Counters
Waiting Rooms
Food Courts
Changing Rooms
Indoor Pedestrian Walkways

Industrial



Application Areas

Light Manufacturing
Dry Packaging Facilities
Factory Buildings
Trade Centers and Workshops
Laboratories
Clean Rooms
Locker Rooms
Conference Rooms
Cafeterias
Entrance Halls
Indoor Pedestrian Walkways

Transportation



Application Areas

Automotive Dealerships
Automotive Manufacturing Facilities
Automotive Repair Shops
Airport Terminals
Seating Areas
Break Rooms
Baggage Claim
Public Transit
Rail Terminals
Bus Stations
Indoor Pedestrian Walkways

TAKING CARE OF THE PLANET THROUGH WISE MATERIAL SELECTION



Sustainability

Sustainability in the construction industry is a new way of thinking about how to produce materials and maintain buildings with minimal effect on the environment. For over 100 years, Sika has been at the forefront of construction technology, helping to create and maintain sustainable structures as well as keeping landfills clear and protecting the environment.

Today, Sika continues to be a global leader in “green” building technology and actively participates in the industry with a focus on creating and maintaining sustainable buildings for the next century.



Air Quality

ComfortFloor System components are designed to exceed the most stringent European legislation with regards to environmental air quality in an inhabited area. They have been “Indoor Air Quality and Its Impact on Man” AgBB tested in accordance with the international cleanliness class ISO 14644-part 8.

Additionally, ComfortFloor products meet the highest global standard for volatile emissions. Utilizing the most sensitive equipment available, AgBB standards not only measure initial VOC’s, but also residual VOC’s. These testing methods determine how materials affect an indoor environment post installation. All Sika ComfortFloor products pass these stringent test methods, proving they have the lowest VOC levels in the industry. ComfortFloor System components are all 100% solids with low VOC waterbased urethane topcoats.



Recycled Materials

For systems incorporating our shock pads, 86% recycled content is our standard.

LEED

Sika products support your Environmental Stewardship Strategy and can contribute to earning points toward LEED® certification.

USGBC

Sika is a member of the U.S. Green Building Council.

ISO

All of Sika’s manufacturing facilities are compliant with the ISO 9001/9002 Quality, 14001 Environmental Assurance Systems.

Responsible Care

Sika Corporation applies procedures and production processes in accordance with Responsible Care RC 14000 Management Systems.

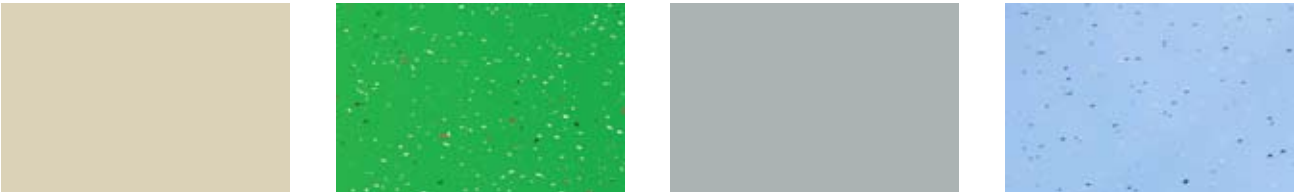
Physical Properties and Test Data

Performance		Sika® ComfortFloor® Systems			
		Sika® ComfortFloor®	Sika® ComfortFloor® Pro	Sika® ComfortFloor® Decorative	Sika® ComfortFloor® Decorative Pro
Type of use	Private buildings	X	X	X	X
	Public buildings	X	X	X	X
	Industrial buildings	X		X	
System thickness		80-120 mils	240-320 mils	80-120 mils	240-320 mils
Colors		Refer to Sika ComfortFloor Solid Color Chart.			
Cleanability		very good	very good	very good	very good
Fire classification in accordance with EN 13501-1		B _{fl} s1	B _{fl} s1	C _{fl} s1	C _{fl} s1
Slip resistance DIN 51130		R 10	R 10	R 10	R 10
Impact sound reduction		2dB	19dB	1dB	17dB
VOC of the base coat and the top coat in accordance with EN 13419 and ISO 16000-6 after 28 days (in accordance to AgBB)		passed	passed	passed	passed
Abrasion resistance		good	good	good	good
Chemical resistance		Sikafloor® Chemical Resistance Chart	Sikafloor® Chemical Resistance Chart	Sikafloor® Chemical Resistance Chart	Sikafloor® Chemical Resistance Chart
Resistance to stubbed cigarettes in accordance with EN 1399		very good	very good	very good	very good
Determination of residual indentation after static loading EN 433		very good	good	very good	good
Resistance to chair castors in accordance with EN 425		good	good	good	good
Impact resistance ISO 6272-1		good	very good	good	very good
Color stability (in indoor use)		yes	yes	yes	yes
Shore hardness (Shore A)		67	62	87	81
Physiological harmlessness (DIN EN 71 part 3)		passed	passed	passed	passed
Compatible with underfloor heating systems (*)		yes	yes	yes	yes

(*) according to manufacturer’s specification of heating systems

Decorative Options Flake | Pigmented

Achieve seamless artistic impact with Sikafloor’s creative palette of decorative flake blends. ComfortFloor Products are available in a variety of solid base colors with unlimited design variation through the use of colored flake. This reproduction approximates actual colors and patterns. Slight variations may be encountered on actual projects. Though efforts have been made to assure accuracy, actual color of flake blends may differ slightly due to printing limitations. Make final approvals from physical sample. Downloadable color charts are available at www.sikafloorusa.com. Or, contact your Sikafloor representative to receive printed color cards or applied samples.





Sika ComfortFloor...Enhancing the indoor experience.



Sika Industrial Flooring

201 Polito Avenue
Lyndhurst NJ 07071
Tel: 800 933 7452 opt. #2
Fax: 800 294 6408
www.sikafloorusa.com
flooring.orders@sika-corp.com

Sika Canada Inc.

601 Delmar Avenue
Pointe Claire QC H9R 4A9
Tel: 514 697 2610
Fax: 514 694 2792
www.sika.ca



Sika Mexicana S.A. de C.V.

Carretera Libre Celaya Km. 8.5
Fracc. Industrial Balvanera
Corregidora Queretaro C.P. 76920
Tel: 52 442 2385800
Fax: 52 442 2250537