



Sikafloor White Paper

Slip Resistant Floors In Food & Beverage Facilities

BUILDING TRUST



Balancing Slip Resistance With Usage

Use Factors

Cleaning and Maintenance: Establish a cleaning plan, so that residues from plant cleaning are removed promptly and not left to evaporate to dryness on the floor

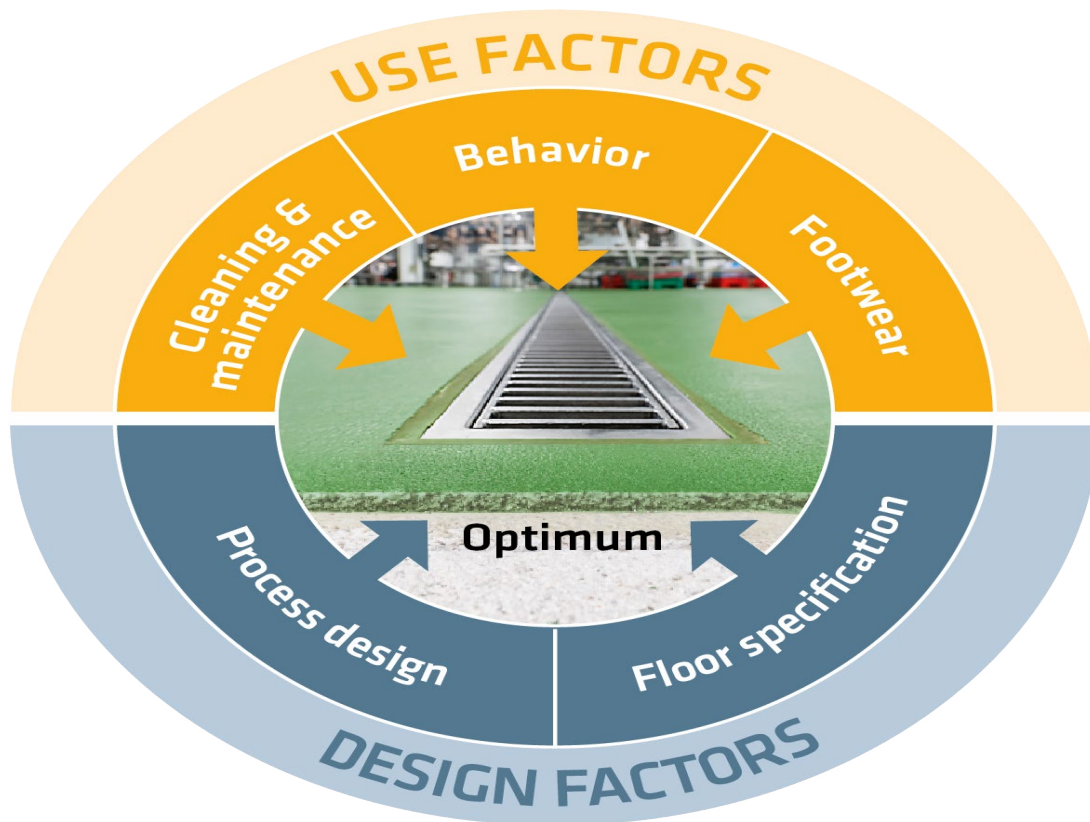
Behavior: Workplace practices should minimize floor contamination and support safe movement

Footwear: Appropriate footwear enhances safety by complementing the floor's slip-resistance

Design Factors

Process Design: Engineering solutions to prevent contamination and improve drainage, such as slopes

Floor Specifications: Tailored surface profiles to match slip-resistance needs



Slips, Trips and Falls:

- Ranked third among the top employer-related workplace injuries and are the primary cause of lost days from work¹
- Led to 450,540 work injuries and 865 work-related deaths¹
- Account for 15% of workers' compensation claims¹
- Are responsible for 21.3% emergency room visits in the U.S.¹
- Contribute to one-eighth of the eight million annual injuries and deaths in the U.S.¹
- 5% of fall accidents result in broken bones, such as hip fractures, elbow fractures, etc.¹

¹ Bureau of Labor Statistics

Understanding the Coefficient of Friction (CoF)

Definition: Measures how slippery a surface is, the higher the value of CoF, the better the slip-resistance.

Material Consideration: Different floor materials provide a different CoF

OSHA recommends a minimum CoF of 0.5 for workplace walking surfaces.

Higher CoFs required for tasks like carrying, pushing, or pulling objects or working on ramps.

Importance of Slip-Resistant Flooring

- Slip-and-fall accidents result in severe injuries and costly legal consequences.
- Uneven or wet surfaces contribute to 55% of slip-and-fall incidents.
- Slip-resistant flooring provides a secure and stable surface, reducing risks for everyone in your facility.

Sika® Ucrete® Slip-Resistant Flooring

Versatility and Safety

Surface Profiles: Range from smooth to highly textured for wet/greasy environments

Slip Resistance: Produced to meet CoF standards and accommodate specific conditions

Food Safe Certification: Approved for use in USDA and FDA inspected food and beverage facilities

Chemical and Mechanical Resistance: Ideal for heavy-duty and extreme environments

Easy Cleaning: Textured surface resistant to stains, ensuring quick and easy cleaning

Long-Term Performance: Thousands of 20-30 year old Sika Ucrete floors still in service

Common Uses

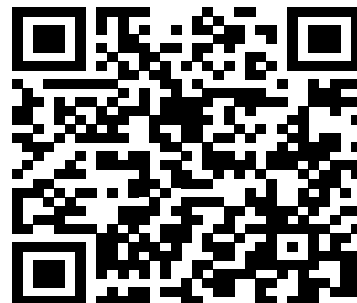
Healthcare: Hospitals, clinics, veterinary facilities, pharmaceutical biotech facilities

Food & Beverage: Processing plants, restaurants, grocery stores

Industrial: Manufacturing, assembly, aerospace, and automotive facilities

Commercial: Retail stores, hotels, casinos, transport terminals

Educational: Laboratories, schools, universities



Learn More About Sika
Slip-Resistance Floors

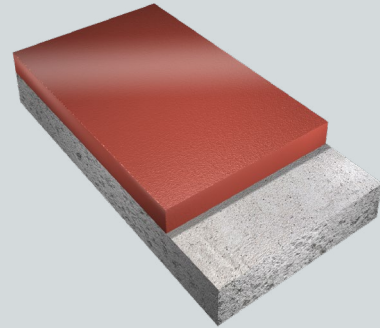
SIKA Ucrete Urethane Cement Flooring

The World's Toughest Floor Since 1969

Sika Ucrete UD200 SR - SLIP-RESISTANT, TROWEL GRADE SCREED, 1/4" - 1/2" THICK

Based on Sika Ucrete UD200, a polyurethane cementitious screed with excellent abrasion, impact, chemical attack and thermal shock resistance. It has a smooth, solid color surface.

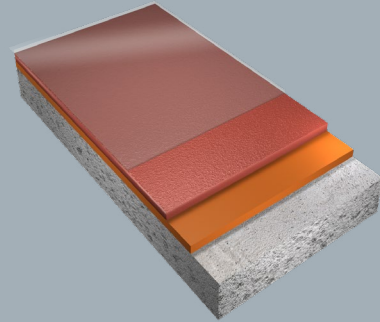
Optional primer and scratch coats are available along with chemical resistant and color-stable top coats.



Sika Ucrete SLB - SELF-LEVELING BROADCAST URETHANE MORTAR, 80 - 120 MILS THICK

Based on Sika Ucrete HS24, a state of the art, water dispersed polyurethane based/cement and aggregate screed with a textured, slip-resistant surface using a urethane top coat for general industrial applications. Solid or multi-color quartz blends are broadcast onto the wet screed to provide a decorative finish.

Optional primer and scratch coats are available along with an alternative rapid curing polyaspartic top coat.

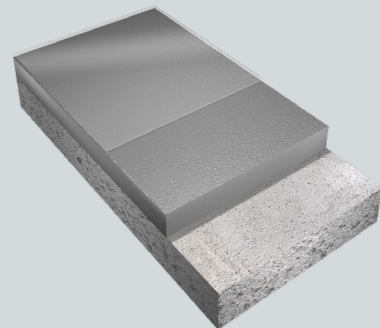


Sika Ucrete SLB+ - SELF-LEVELING BROADCAST URETHANE SLURRY, 3/16" - 1/4" THICK

Based on Sika Ucrete HS22, a heavy duty, solid color, urethane slurry designed to provide excellent resistance to abrasion, impact, chemical attack and thermal shock.

Solid or multi-color quartz blends are broadcast onto the wet screed to provide a decorative finish.

Optional water-based primer and color-stable top coat available.



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