

PRODUCT DATA SHEET

Sika® Ucrete® UD 200 SR

(formerly Ucrete® UD 200 SR)

Hygienic, heavy-duty polyurethane floor screed

PRODUCT DESCRIPTION

Sika® Ucrete® UD 200 SR is a heavy-duty resin floor offering excellent resistance to aggressive chemicals, heavy impact and temperatures up to 150 °C (302 °F).

WHERE TO USE

Sika® Ucrete® UD 200 SR is used as a wearing layer screed for Sika® Ucrete® flooring systems in wet and dry processing areas, in installations such as:

- Food and beverage facilities
- Pharmaceutical facilities
- Chemical and processing facilities
- Manufacturing facilities and workshops

CHARACTERISTICS / ADVANTAGES

- Impermeable to liquids
- Does not support bacterial or mould growth
- Very good resistance to a wide range of chemicals
- Non-tainting from the end of mixing
- Very good mechanical resistance
- Thermal expansion properties similar to concrete
- Tolerant to substrates with high moisture content
- Suitable for application on to 7-day-old concrete and 3-day-old polymer screed
- Can be accelerated with Sika® Ucrete® Accelerator for fast installation within a 12-hour window

APPROVALS / CERTIFICATES

- Food & Beverage facilities suitability: HACCP, Test Report No. I-PE-769-SA-2-RG-06b
- Halal Certification Europe (HCE): WHFC, Certificate No.21453-2/1/1/Y1

PRODUCT INFORMATION

Composition / Manufacturing	Water-based polyurethane cement hybrid	
Packaging	Refer to the current price list for available packaging variations.	
Colour	Cured colour	Red, Orange, Yellow, Bright Yellow, Cream, Grey, Light Grey, Green, Light Green, Green/ Brown, Blue.
Shelf Life	Always refer to the best-before date of the individual packaging.	
Storage Conditions	Store in original, unopened and undamaged sealed packaging in dry conditions at temperatures between 5 °C and 30 °C (40 °F and 85 °F). Always refer to the information printed on the packaging.	

TECHNICAL INFORMATION

Compressive Strength	Cured 28 days at 23 °C (73 °F) : ~55 MPa (~7977 psi)	(ASTM C579)		
Modulus of Elasticity in Compression	3250 MPa	(BS 6319-6)		
Tensile Strength in Flexure	Cured 28 days at 23 °C (73 °F) : ~14 MPa (~2030 psi)	(ASTM C580)		
Pull-Off Strength	> 2 MPa (290 psi) (concrete failure)	(ASTM D4541)		
Coefficient of Thermal Expansion	4 × 10 ⁻⁵ °C ⁻¹ (2.22×10 ⁻⁵ °F ⁻¹)	(ASTM C531)		
Reaction to Fire	Class B _{fl} -s1	(EN 13501-1)		
Chemical Resistance	Laboratory-defined resistance to many individual chemicals. Before proceeding, contact Sika Technical Service for specific information.			
Service Temperature	Thickness	Minimum	Maximum	Occasional spillage
	6 mm (1/4 in)	-25 °C (-13 °F)	80 °C (176 °F)	-
	9 mm (3/8 in)	-40 °C (-40 °F)	120 °C (248 °F)	-
	12 mm (1/2 in)	-40 °C (-40 °F)	130 °C (266 °F)	150 °C (302 °F)

APPLICATION INFORMATION

Consumption	Layer	Product	Consumption
	Primer	Sika® Ucrete® PSC	0.2–0.4 kg/m²
	Wearing layer	Sika® Ucrete® UD 200 SR	~2 m² at 6 mm
			~1.5 m² at 9 mm
			~1 m² at 12 mm
Layer Thickness	~6–12 mm		
Product Temperature	minimum 10 °C (50 °F) / maximum 30 °C (86 °F)		
Ambient Air Temperature	minimum 5 °C (41 °F) / maximum 35 °C (95 °F)		
Substrate Temperature	minimum 5 °C (41 °F) / maximum 30 °C (86 °F)		
Curing Time	Substrate temperature		Return to traffic
	+8 °C (46 °F)		< 24 h
	+10 °C (50 °F)		4 h (with Sika® Ucrete® Accelerator)
	Note: Times are approximate and will be affected by changing ambient and substrate conditions.		

BASIS OF PRODUCT DATA

Product properties are typically averages, obtained under laboratory conditions. Reasonable variations can be expected on-site due to local factors, including environment, preparation, application, curing and test methods.
Properties tested at 23 °C (73 °F) / 50 % r.h. unless stated otherwise.

FURTHER INFORMATION

Select from the following specification clauses as required:

- A 6 mm (1/4 in) Sika® Ucrete® UD 200 SR floor is fully resistant to liquid spillage and discharge up to 80 °C (176 °F) and can be lightly steam-cleaned. Suitable for freezer temperatures down to -25 °C (-13 °F).

- A 9 mm (3/8 in) Sika® Ucrete® UD 200 SR floor is fully resistant to high temperature spillage and discharge up to 120 °C (248 °F) and is fully steam-cleanable. Suitable for freezer temperatures down to -40 °C (-40 °F).
- A 12 mm (1/2 in) Sika® Ucrete® UD 200 SR floor is fully resistant to high temperature spillage and discharge up to 130 °C (266 °F) and occasional spillage up to 150 °C (302 °F) and is fully steam-cleanable. Suitable for freezer temperatures down to -40 °C (-40 °F).

ENVIRONMENT, HEALTH & SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY

Cementitious substrates must be structurally sound and solid and of sufficient compressive strength (minimum 30 MPa (4350 psi) with a minimum tensile strength of 1.5 MPa (217 psi).

SUBSTRATE PREPARATION

Substrates must be clean, dry and free of contaminants such as dirt, oil, grease, coatings, laitance, surface treatments and loose friable material. Remove all dust, dirt, existing paint films, efflorescence, exudates, laitance, forms oils, hydraulic or fuel oils, brake fluid, grease, fungus, mildew, biological residues or any deleterious substance or conditions that may prevent, reduce or inhibit adhesion or performance. Prepare the surface by any appropriate mechanical means, in order to achieve a profile equivalent to ICRI-CSP 3-6. Repairs to cementitious substrates, filling of blowholes, levelling of irregularities, etc. should be carried out using an appropriate Sika® profiling mortar.

Note: Contact Sika's Technical Service for installation recommendations in writing concerning substrates or conditions not listed.

Sika Canada Inc.

Head Office
601, avenue Delmar
Pointe-Claire, Quebec
H9R 4A9
1-800-933-SIKA
www.sika.ca

Other locations

Boisbriand (Quebec)
Brantford; Cambridge;
Sudbury; Toronto (Ontario)
Edmonton (Alberta)
Surrey (British Columbia)

TREATMENT OF JOINTS AND CRACKS

Important: The incorrect assessment and treatment of cracks may lead to a reduced service life and reflective cracking.

- For static cracks, ensure the width is suitable for overcoating with Sika® Ucrete® UD 200 SR.
- For dynamic cracks, ensure the movement is within the movement capacity of Sika® Ucrete® UD 200 SR

Construction joints and existing static surface cracks in substrate require pre-treating before full-layer application. Use Sikadur® or Sikafloor® resins. The System can be applied on green or damp concrete with no standing water. Allow for at least three (3) days for early concrete shrinkage to occur to prevent shrinkage cracks from appearing on the wearing surface.

APPLICATION

Application must be undertaken by a fully trained and licensed Sika® Ucrete® applicator.

Note: The System can be applied on green or damp concrete with no standing water. Allow for at least three (3) days for early concrete shrinkage to occur to prevent shrinkage cracks from appearing on the wearing surface.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

LEGAL NOTES

The information, and in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any recommendations, or from any other advice offered. The information contained herein does not relieve the user of the products from testing them for the intended application and purpose. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request or may be downloaded from our website at: www.sika.ca

SikaUcreteUD200SR-en-CA-(11-2025)-3-1.pdf

Product Data Sheet

Sika® Ucrete® UD 200 SR
November 2025, Version 03.01
02081400000002031

