BUILDING TRUST

PRODUCT DATA SHEET

Sika® Ucrete® TC

Heavy-duty, matt, encapsulation resin with very good chemical resistance

DESCRIPTION

Sika® Ucrete® TC is a three-part, heavy-duty encapsulation resin. It provides a matt finish for the Sika® Ucrete® DP and Sika® Ucrete® TZ range of flooring systems.

USES

Sika® Ucrete® TC is used as a top coat for Sika® Ucrete® flooring systems.
Please note:
- The Product may only be used by experienced professionals.

FEATURES

- Resistant to bacterial or mould growth
- Very good temperature resistance
- Very good resistance to staining from a specific range of chemicals and food industry products
- Non-tainting from the end of mixing
- Can be applied to Sika® Ucrete® RG providing, a seamless finish from skirting to skirting

CERTIFICATES AND TEST REPORTS

- Halal Certification Europe (HCE), Sika® Ucrete®, WHFC, Certificate No. 21453-2/1/1/Y1
- Food and Beverage Facilities Suitability, Sika® Ucrete®, HACCP, Test Report No. I-PE-769-SA-2-RG-06b
- Indoor Air Comfort Gold EN 16516, Sika® Ucrete®, eurofins, Certificate No. IACG-321-01-01-2023

PRODUCT INFORMATION

Composition	Water-based polyurethane cement hybrid
Packaging	3.72 kg Refer to the current price list for available packaging variations.
Shelf life	Always refer to the best-before date of the individual packaging.
Storage conditions	The Product must be stored in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5 °C and +30 °C. Always refer to the packaging. Refer to the current Safety Data Sheet for information on safe handling and storage.

TECHNICAL INFORMATION

Tensile adhesion strength	> 2.0 N/mm² (concrete failure)	(EN 1542)
Chemical resistance	Laboratory-defined resistance to many individual chemicals. Before proceeding, contact Sika Technical Service for specific information.	

APPLICATION INFORMATION

Consumption

System	Consumption	Area
Sika® Ucrete® DP10	0.4–0.6 kg/m²	6–9 m² per unit
Sika® Ucrete® DP10 AS	0.4–0.6 kg/m²	6–9 m² per unit
Sika® Ucrete® DP20 Slip resistance R12	0.7–0.9 kg/m²	3–3.5 m² per unit
Sika® Ucrete® DP20 Slip resistance R11	1.0–1.2 kg/m²	6–7 m² per unit
Sika® Ucrete® DP20 AS	0.7–0.9 kg/m²	3–3.5 m² per unit
Sika® Ucrete® DP30	1.0–1.2 kg/m²	6–7 m² per unit
Sika® Ucrete® TZ	0.2–0.3 kg/m²	12–18 m² per unit
Sika® Ucrete® TZAS	0.2–0.3 kg/m²	12–18 m² per unit

Note: Consumption data is theoretical and does not allow for any additional material due to surface porosity, surface profile, variations in level, wastage or any other variations. Apply the Product to a test area to calculate the exact consumption for the specific substrate conditions and proposed application equipment.

Material temperature

Maximum	+25 °C
Minimum	+15 °C

Ambient air temperature

Maximum	+30 °C
Minimum	+8 °C

Dew point

Beware of condensation. The substrate and uncured applied product must be at least +3 °C above the dew point to reduce the risk of condensation or blooming on the surface of the applied product. Low temperatures and high humidity conditions increase the probability of blooming.

Substrate temperature

Maximum	+30 °C
Minimum	+8 °C

Curing time

The floor can be returned to service after 24 hours.
Note: Times are approximate and will be affected by changing ambient and substrate conditions.

Waiting time to overcoating

Minimum	16 hours
Maximum	48 hours

Note: Times are approximate and will be affected by changing ambient conditions, particularly temperature and relative humidity.

BASIS OF PRODUCT DATA

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

FURTHER DOCUMENTATION

Sika® Ucrete® Application Manual

ECOLOGY, HEALTH AND 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 PREPARATION

IMPORTANT
Reduced service life due to incorrect treatment of cracks
The incorrect assessment and treatment of cracks may lead to a reduced service life and reflective cracking.
TREATMENT OF JOINTS AND CRACKS
Construction joints and existing static surface cracks in substrate require pre-treating before full layer application. Use Sikadur® or Sikafloor® resins.
The Product can be applied on green or damp concrete with no standing water. Allow for at least 3 days for early concrete shrinkage to occur to prevent shrinkage cracks from appearing on the wearing surface.
Cementitious substrates must be structurally sound and of sufficient compressive strength (minimum 30 N/mm^2) with a minimum tensile adhesion strength of 1.5 N/mm^2.
Substrates must be clean, dry and free of contaminants such as dirt, oil, grease, coatings, laitance, surface treatments and loose friable material.

APPLICATION

Application must be undertaken by a fully trained and licensed Sika® Ucrete® applicator, as per recommendations stated in Sika® Ucrete® Application Manual (refer to related system application).

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 written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. 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.

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